

**MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE**

**Ternopil Volodymyr Hnatiuk National Pedagogical University**

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**EDUCATIONAL AND PROFESSIONAL PROGRAM  
SPECIAL EDUCATION (PHYSICAL REHABILITATION)**

**The second level of higher education**

**in specialty 016 Special Education (Physical rehabilitation)**

**the field of knowledge 01 Education / Pedagogy**

**Qualification: Master of special education, Specialist of physical rehabilitation**

**APPROVED BY THE ACADEMIC COUNCIL**

**The Head of the Academic Council**

\_\_\_\_\_/V. P. Kravets

**(protocol №13 dated June «27» 2017)**

**Educational program enacts from September «01» 2017**

**(order №220-p dated August «30» 2017)**

**Ternopil 2017**

**1. Profile of educational program in specialty 016**  
**Special education (physical rehabilitation)**

<b>1 – General information</b>	
<b>Full name of institution of higher education and structural subdivision</b>	Ternopil Volodymyr Hnatyuk National Pedagogical University
<b>Degree higher education and the name of the language qualification on the original</b>	Degree of education - Master. Qualification: Master of Special Education, Specialist in Physical Rehabilitation Qualification in the diploma – Master of Special Education. Specialist in physical rehabilitation
<b>Official name educational program</b>	Special Education (Physical Rehabilitation)
<b>Type of diploma and volume educational program</b>	Master's degree, unitary, 90 credits ECTS, the term of study - 1 year 4 months
<b>Availability of accreditation</b>	Order of the Ministry of Education and Science of Ukraine dated July 14, 2010 No. 1850-JI
<b>Period of accreditation</b>	2020
<b>Cycle / Level</b>	FQ-EHEA - second cycle, EQF LLL - 7 level, NRC (NQF – National Qualification Framework) Ukraine - 7 level
<b>Prerequisites</b>	First level of education (Bachelor)
<b>Language (s) of teaching</b>	Ukrainian language
<b>The duration of the educational program</b>	2020
<b>Internet address of the permanent placement of the description educational program</b>	<a href="http://tnpu.edu.ua">http://tnpu.edu.ua</a>
<b>2. The purpose of the educational program</b>	
<p>Formation of fundamental knowledge on the theory and practice of organizing the educational process in higher educational institutions, research work on physical rehabilitation, correctional pedagogy, pedagogy and psychology of higher education on innovative basis, development of the ability to independently conduct teaching and innovative search activities, adhering to the norms of scientific ethics and academic honesty, gaining experience in management of educational, cognitive, research, correctional and pedagogical activity students</p>	

<b>3. Characteristics of the educational program</b>	
<b>Subject area (branch of knowledge, specialty)</b>	<p>Motor functions and human activity, their violation and correction with purpose restoration full-fledged life in accordance to desires and needs of a person in the context of the surrounding, social and cultural environment.</p> <p>Branch of Knowledge – 01 - Education / Pedagogy. Specialty – 016 Special Education (Physical Rehabilitation)</p>
<b>Orientation of the educational program</b>	An applied program based on well-known regulations and results of research on physical rehabilitation and focuses on topical specialization, within which possible further professional and scientific career
<b>The main focus of the educational program and specialization</b>	<p>Formation and development of professional competence for teaching, research and practical activity in the field of special education and physical rehabilitation. Emphasis on the implementation of the curriculum for physical rehabilitation, in accordance with the curriculum and schedule of the educational process of specialized rehabilitation and general education institutions.</p> <p>Keys words: physical rehabilitation, physical culture, scientific specialty, practical specialty, special education</p>
<b>Features of the program</b>	Providing of an individual trajectory of professional training of a specialist in physical rehabilitation
<b>4. Eligibility of graduates of the educational program for employment and further training</b>	

<b>Employment</b>	<ul style="list-style-type: none"> <li>· Lecturer in physical rehabilitation;</li> <li>· teacher-rehabilitologist;</li> <li>· educator of a preschool educational institution;</li> <li>· educator in the field of work with disabled children;</li> <li>· specialist in physical rehabilitation; (in rehabilitation centers, medical, educational, sanatorium and spa establishments, social services, institutions and organizations of the state, public and private sectors);</li> <li>· labor adaptation instructor ;</li> <li>· labor therapy instructor ;</li> <li>· sport masseur;</li> <li>· methodologist of medical physical education;</li> <li>· masseur (in rehabilitation centers, medical, educational, sanatorium and resort institutions, social services, establishments and organizations state, public and private sectors);</li> <li>consultant (psycho-medical-pedagogicalconsultation).</li> </ul>
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<b>Further training</b>	Ability to study for the program: NRC (NQF – National Qualification Framework) Ukraine - level 8, FQ-EHEA - third cycle and EQF-LLL - level 8
<b>5. Teaching and assessment</b>	
<b>Teaching and studying</b>	Lectures, seminars, practical classes in small groups, practice, consultations with teachers. Student-centered learning, self-learning, problem-based learning, learning through clinical practice.
<b>Assessment</b>	The assessment of the quality of the development of educational disciplines is carried out using the credit-module system. The final assessment is formed taking into account the results of the current control (oral questioning, tests, control works, colloquiums, work on seminars, practical classes, laboratory works, essays, abstracts, individual teaching and research tasks, etc.) of the student's work during the semester and final control in the form (2-point scale - "enrolled", "not enrolled") or exam (4-point scale - "excellent", "good", "satisfactory", "not satisfactory"). Assessment of coursework, as well as the results of work in educational and production practices, is carried out by the commission of teachers of the profile department in the form of a differentiated score (4-point scale). An assessment of the state certification is made by a commission headed by a leading specialist in the field / specialty - a representative of employers.
<b>6. Program competencies</b>	
<b>Integral competency</b>	Master of Special Education is capable of solving complex problems in the field of education and research and innovation, which foresees a deep rethinking existing ones and creating new holistic knowledge and professional practices.

<p><b>General competencies</b></p>	<p><b>GC1</b> Ability to determine the purpose and objectives of their own and collective activities, to provide alternative solutions in the professional activities;</p> <p><b>GC2</b> Ability to possess specialized conceptual knowledge at the level of modern achievements of science and technology, which are the basis for the original thinking of the innovation activity in the context of research work;</p> <p><b>GC3</b> Ability to change the decision-making strategy depending on the objective transformations of the analysis system;</p>
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	<p><b>GC4</b> Ability to critically understand the problems in learning and professional activities and on the boundary between subject areas;</p> <p><b>GC5</b> The ability to clearly and unambiguously report their own findings, as well as knowledge and explanations that justify them, to specialists and non-professionals, in particular to the learners;</p> <p><b>GC6</b> Ability to have professional communication in at least one of the foreign languages and the state Ukrainian language;</p> <p><b>GC7</b> Ability to present the results of professional activity and research using modern information and communication technologies;</p> <p><b>GC8</b> Ability to assess the strategic potential of team professional development, to find out non-standard organizational and managerial decisions in non-standard situations, readiness to carry for them;</p> <p><b>GC9</b> Ability to further study with a significant degree of independence and self-regulation;</p> <p><b>GC10</b> Ability to develop skills of psychological analysis of personality and interpersonal relationships in groups, determination of means of optimal influence on employees to create the proper social and psychological climate in a team;</p> <p><b>GC11</b> Ability to be responsible for the results of professional activity;</p> <p><b>GC12</b> Ability to determine the prospects of marketing activities and management in physical rehabilitation.</p> <p>.</p>
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<b>Professional competencies of the specialty</b>	<p><b>PC1</b> Ability to explain the need for measures of physical rehabilitation, the principles of their use and the connection with special education;</p> <p><b>PC2</b> Ability to analyze structure, normal and individual development of the human body and its motor functions;</p> <p><b>PC3</b> Ability to understand and explain pathological processes that are subject to correction by measures of physical rehabilitation;</p> <p><b>PC4</b> Ability to understand and explain the medical, pedagogical, and social aspects related to the practice of physical therapy, ergotherapy;</p> <p><b>PC5</b> Ability to conduct safe and practical activities for a patient / client and practitioner;</p> <p><b>PC6</b> Ability to collect anamnesis, perform rehabilitation, test, review and document their results;</p> <p><b>PC7</b> Ability to analyze, choose and interpret received information about rehab programs, their effectiveness;</p> <p><b>PC8</b> Ability to match rehab measures to functional capabilities and needs patient / client;</p> <p><b>PC9</b> Ability to help the patient / client understand their own needs, discuss and formulate goals, explain the program of physical rehabilitation;</p> <p><b>PC10</b> Ability to carry out operational, current and step-by-step control of the patient / client's state by appropriate means and methods and document the received results;</p> <p><b>PC11</b> Ability to effectively implement a physical program rehabilitation;</p> <p><b>PC12</b> Ability to carry out professional activity in accordance with the needs of health, cultural values and traditions of the population of Ukraine;</p> <p><b>PC13</b> Ability to teach a patient / caregiver to self-care / care prevention of complications diseases injuries and a disability, a healthy way life;</p> <p><b>PC14</b> Ability to seek ways to continuously improve the quality of rehabilitation services, to form new ideas in physical therapy, ergotherapy (creativity);</p>
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	<p><b>PC15</b> Ability to apply non-traditional methods of healing in different nosologies;</p> <p><b>PC16</b> Ability to adapt your own current practical activities to variable conditions;</p> <p><b>PC17</b> Ability to provide psychological help, to conduct psychotherapeutic measures.</p>
<b>7. Program outcomes of studying</b>	
<b>Administrative</b>	<p><b>POS1</b> Knowledge of types, forms and classification of administrative decisions.</p> <p><b>POS2</b> Knowledge of methods of preparation and substantiation of administrative decisions.</p> <p><b>POS3</b> Knowledge of spatial activity of various organizations for physical rehabilitation.</p> <p><b>POS4</b> Knowledge of the technology of the organization of the workplace.</p> <p><b>POS5</b> Ability to organize reception of visitors, to place informative materials, messages, etc.</p> <p><b>POS6</b> Knowledge of protocol and ethics, business style, rules of ensuring the cleanliness of the workplace.</p>
<b>Research and analytical</b>	<p><b>POS1</b> Knowledge of the characteristics of the concepts of "rehabilitation", "types of rehabilitation" and "integrated therapy".</p> <p><b>POS2</b> Knowledge of the clinical and physiological effects of physical exercises on the human body.</p> <p><b>POS3</b> Ability to use the principles of programming of physical rehabilitation classes.</p> <p><b>POS4</b> Ability to program physical rehabilitation classes, study and evaluate its effectiveness.</p> <p><b>POS5</b> Ability to design scientific work.</p> <p><b>POS6</b> Knowledge of methods of working with scientific information from special literary sources and the Internet.</p> <p><b>POS7</b> Ability to determine the problem, hypothesis, purpose, task, object and subject of research.</p> <p><b>POS8</b> Ability to draw up a work plan for theoretical and experimental study.</p>
<b>Technological</b>	<p><b>POS1</b> Knowledge of basic means, forms and methods, motor regimes, periods and phases of physical rehabilitation.</p> <p><b>POS2</b> Ability to follow a certain algorithm of action during therapeutic exercises, taking into account the pathology, diagnosis, period and course of the disease.</p> <p><b>POS3</b> Comprehensive knowledge and skills for physical rehabilitation for further training in the appropriate</p>

	<p>professional direction.</p> <p><b>POS4</b> Knowledge of technology for estimating the level of human activity.</p> <p><b>POS5</b> Knowledge of forms, types and classification of massage.</p> <p><b>POS6</b> Knowledge of the criteria for the effectiveness of the massage.</p> <p><b>POS7</b> Possession of technique of execution of basic and additional massage techniques taking into account the body part and individual characteristics of the client.</p> <p><b>POS8</b> Ability to perform self-massage and give advice on its conduct by another person.</p> <p><b>POS9</b> Possession of technique of performance of sports massage taking into account the stage of sports training, the nature of loads, the functional state of the athlete.</p> <p><b>POS10</b> Evaluate and monitor the level of physical development, physical fitness and individual health.</p> <p><b>POS11</b> Ability to demonstrate performance of physical exercises.</p>
<b>Organizational</b>	<p><b>POS1</b> Knowledge of organizational and legal forms of subjects of physical rehabilitation and physical culture.</p> <p><b>POS2</b> Knowledge of advanced foreign experience in the functioning of physical rehabilitation organizations.</p> <p><b>POS3</b> Ability to use an algorithm of actions for creating rehabilitation and health promotion organizations of different forms of ownership.</p> <p><b>POS4</b> Knowledge of the features of providing rehabilitation and health services to clients.</p> <p><b>POS5</b> Ability to determine the risks of organizational work with clients and to take measures for their involvement and maintenance in the subjects of conservation and health promotion.</p> <p><b>POS6</b> Ability to carry out a marketing assessment of existing health and rehabilitation services.</p> <p><b>POS7</b> Ability to take part in realization of the implementation department in the structure of organizations for physical rehabilitation and physical education.</p>

<b>Instrumental</b>	<p><b>POS1</b> Knowledge of methods and possession of practical skills of professional communication with the use of communicative techniques and technologies.</p> <p><b>POS2</b> Ability to choose, depending on the situation, the most appropriate media and communication channels with consumers and business partners.</p> <p><b>POS3</b> Ability to express their thoughts and convictions in a clear, consistent and logical way, to lead productive business conversations, to maintain a harmonious social network of business and personal contacts.</p> <p><b>POS4</b> Ability to adhere to the ethics of business communication, ethical norms and standards of social behavior.</p> <p><b>POS5</b> Knowledge of professional discourse, terminology of the specialty.</p>
<b>8 – Resource support of the program</b>	
<b>Personnel support</b>	<p>Program developers: 1 doctor of biological sciences, 2 candidates of medical sciences, 1 Ph.D. in physical education and sports, associate professors. All developers are regular staff members of Ternopil Volodymyr Hnatiuk National Pedagogical University. Guarantor of educational program: Vakulenko Liudmyla Oleksiivna: scientific degree - candidate of medical sciences in specialty 14.00.12 - medical physical education and sports medicine; academic rank - associate professor of physical education and health department, medical physical education and sports medicine, as well as seniority of scientific-pedagogical of 38 years. Scientific and pedagogical staff with academic degrees and / or academic degrees, as well as highly skilled specialists, are involved in the program realization. In order to increase the professional level, all scientific and pedagogical workers undergo an internship once in five years, including overseas.</p>
<b>Material and technical support</b>	<ul style="list-style-type: none"> <li>- educational buildings;</li> <li>- dormitories;</li> <li>- thematic cabinets;</li> <li>- specialized laboratories;</li> <li>- computer classes;</li> <li>- points of food;</li> <li>- wireless access points to the Internet;</li> <li>- multimedia equipment;</li> <li>- sports hall, sports grounds, stadium;</li> <li>- dispensary.</li> </ul>

<b>Information, studying and methodological support</b>	<ul style="list-style-type: none"> <li>- TNPU official website: <a href="http://tnpu.edu.ua">http://tnpu.edu.ua</a>;</li> <li>- wireless access points to the Internet;</li> <li>- unlimited access to the Internet;</li> <li>- scientific library, reading rooms;</li> <li>- Moodle virtual learning environment;</li> <li>- training and work plans;</li> <li>- schedule of the educational process;</li> <li>- teaching and methodological complexes of disciplines;</li> <li>- teaching and work programs of disciplines;</li> <li>- didactic materials for independent and individual work of students of disciplines;</li> <li>- program of practice;</li> <li>- methodical guidelines for the implementation of course papers, master's theses;</li> <li>- criteria for assessing the level of training;</li> <li>- packages of complex control works.</li> </ul>
<b>9. Academic mobility</b>	
<b>National Credit Mobility</b>	Improvement of qualification (internship) of scientific and pedagogical workers in the domestic higher education partners.
<b>International Credit Mobility</b>	<ul style="list-style-type: none"> <li>- Agreement on semester academic exchange between Jan Dluhosh Academy in Chenstokhov, Poland and Ternopil Volodymyr Hnatiuk National Pedagogical University, Ukraine;</li> <li>- Agreement on conducting the joint (parallel) training and issuance of diplomas in cooperation with foreign universities between Jan Dlugosh Academy in Chenstokhov, Poland and Ternopil Volodymyr Hnatiuk National Pedagogical University, Ukraine;</li> <li>- Agreement on cooperation with the Higher Linguistic School in Chenstokhov (Republic of Poland).</li> </ul>
<b>Studying of foreign applicants for higher education</b>	Possible to study in English or after completing the course of the Ukrainian language

## 2. List of components of the educational and professional program and their logical consistency

### 2.1 . List of components

Code/ №	Components of the educational program (educational disciplines, term projects (papers), occupational practices, qualification work)	Credits ECTS	Assessment form
	<b>Objective components of EPP</b>		
	<b>General training</b>		

OC1	Psychology and pedagogy of higher education	3	Exam
OC2	Management in education	3	Exam
OC3	Philosophy of science	3	Exam
OC4	Methodology of scientific research in PhCC	4	Exam
OC5	Foreign language for professional orientation	4	Exam
	<b>Total</b>	<b>19</b>	
	<b>Professional training</b>		
OC6	Physical rehab in neurology	5	Credit
OC7	Physical rehabilitation in pediatrics, obstetrics and gynecology	4	Credit
OC8	Physical rehabilitation in diseases of internal organs	4	Exam
OC9	Physical rehabilitation in diseases musculoskeletal system	4	Exam
OC10	Methodology of management of physical health man	4	Credit
OC11	Scientific and pedagogical practice	12	Credit
OC13	Physical rehabilitation practice	9	Credit
OC14	State certification. Defense of master's thesis	2	
	<b>The total amount of objective components</b>	<b>44</b>	
	<b>Selective components of EPP</b>		
SC1	Occupational health in the field	1	Credit
SC2	Civil protection	1	Credit
SC3	Management in the field of physical culture	4	Credit
SC4	Information and technical means of training	3	Credit
SC5	Pharmacology in physical education and sports	4	Credit
SC6	Systems of rehabilitation in physical rehabilitation	3	Credit
SC7	Physical rehab in gerontology	5	Credit
SC8	Psychological aspects in physical rehabilitation / Diet therapy	3	Credit
SC9	Medicinal plants and health	3	Credit
	<b>Total amount of selective components</b>	<b>27</b>	
	<b>GENERAL AMOUNT OF EDUCATIONAL PROGRAM</b>	<b>90</b>	

## **Form of certification of higher education applicants**

The certification of graduates of the educational program of specialty 016 Special education (Physical rehabilitation), is conducted in the form of the defense of the master's thesis, ends with the issuance of the document of the established model for the award of the master's degree with qualification: Master of Special Education. Specialist in Physical rehabilitation».

The certification is carried out openly and publicly.