

227 PHYSICAL THERAPY, ERGOTHERAPY

educational and professional program of the first (bachelor's) level of higher education
«PHYSICAL THERAPY»



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Field of knowledge	22 Health
Speciality	227 Physical therapy, ergotherapy
Program volume	240 credits ECTS
Program duration	3 years 10 months
Education form	full-time study

The educational and professional program "Physical Therapy" is directed to formation and development of professional competences of the specialists capable to solve the difficult specialized tasks and practical problems which are connected with disturbances of functions of organs and systems, in particular, musculoskeletal system, nervous system, cardiovascular and respiratory systems with use of provisions, theories and methods of medico-biological, social, psychology and pedagogical sciences.

Features of the educational and professional program

Interdisciplinary and multi-disciplinary preparation of physical therapy specialists.

Program components:

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Courses

Compulsory disciplines

- 1 Pedagogy
- 2 Philosophy
- 3 Foreign Language
- 4 Biomechanics of Motor Activity
- 5 Computer Engineering and Information Technologies in Physical Therapy
- 6 Elementary Economics and Financial Literacy
- 7 Basics of Practical Activities in Physical Therapy (introduction to the specialty)
- 8 Theory and Methods of Physical Education
- 9 Normal Human Anatomy
- 10 Latin

- 11 Normal Human Physiology
- 12 Types of Recreational and Motor Activity (athletic gymnastics, recreational fitness, sports, track and field athletics, football)
- 13 Physiology of Motor Activity
- 14 Scientifically Evidential Practical Activity in Physical Therapy
- 15 Medical Psychology
- 16 Physical Therapy at Institutions of Social Protection
- 17 Sports Medicine
- 18 Pathology, Treatment of Internal Organs Disorders, Musculoskeletal system, Nervous system
- 19 Basics of Physical Therapy
- 20 Valeology
- 21 Basic of Massage
- 22 Clinical and Functional Diagnostics
- 23 Diagnostic Techniques in Physical Therapy
- 24 Physiotherapy
- 25 Physical Therapy at Internal Organs Disorders
- 26 Physical Therapy at Musculoskeletal Disorders
- 27 Sports Massage
- 28 Physical Therapy in Pediatrics and Gerontology
- 29 Term paper in Physical Therapy at Internal Organs Disorders
- 30 Kinesio Taping
- 31 Physical Therapy at Diseases of Nervous System
- 32 Physical Therapy at Surgical Diseases
- 33 Physical Therapy in Cyesciology and Gynecology
- 34 Massage Therapy
- 35 Rehabilitation Technologies in Balneology
- 36 Research Project

Selective disciplines

- 37 Biological Chemistry
- 38 Pathological Anatomy
- 39 Pathological Physiology
- 40 Science of Law
- 41 Basics of Rhetoric
- 42 Pre-Hospital Medical Care in Emergency
- 43 Medical Law, Professional Ethics and Medical Ethics
- 44 General Hygiene
- 45 Basics of Management
- 46 Ecology
- 47 Safety and Vital Activity
- 48 Basics of Kinesiology
- 49 Medical and Biological Physics
- 50 Health Technologies in Physical Therapy
- 51 The General Theory of Health with Bases of Diagnostics and Monitoring State of Health
- 52 Biological Chemistry of Motor Activity
- 53 Medical Chemistry

54	Ethics and Esthetics
55	Religion Studies
56	Basics of Nutrition
57	Pharmacology
58	Basics of Massage in Pediatrics and Gerontology
59	Physical Therapy After Injuries and Diseases at Sportsmen
60	Insurance, Movement and Positioning in the Sphere of Physical Therapy
61	Management in the Sphere of Physical Therapy
62	Informatics and Information Technologies (in the professional direction)
63	Computer Engineering and Methods of Mathematical Statistics
64	Modern Health-Improving Fitness Technologies
65	Remedial Gymnastics in Physical Therapy
66	Adaptive Sport
67	Health Tourism
68	Psychological Adaptation of Disabled People
69	Methods of Psychological Self-Control of Human Being Functional States
70	Basics of Ukrainian Scientific Knowledge
71	Business Foreign Language

Practical training

72	General Introduction Training
73	Clinical Practice at Musculoskeletal System and Internals Disorders
74	Clinical Practice at Diseases of Nervous System and at Institutions of Social Protection
75	Practice in the Field of Future Profession

Certification of graduates

76	Qualification Test State Examination "Step"
77	Practically Approximate Examination
78	Preparation and Graduation Paper Presentation

Employment and competitive advantages of graduates of the program

A bachelor in the specialty 227 Physical therapy, ergotherapy can perform the professional work according to The State Occupational Classification SC 003:2010, of 26.10.2017 No. 1542 and hold the following primary offices:

3226 – assistant of physical therapist; 3226 – massage therapist; 3226 – sports massage therapist; 3226 – specialist in physical rehabilitation.

A bachelor in the specialty 227 Physical therapy, ergotherapy has the right to continue study on the second (master's) level of higher education for receiving the master's degree and also in other specialties of the humanitarian and social-economic direction after graduation on the educational and professional program. Gaining the additional qualifications in the system of post-degree education.

Program results of study

After the end of the educational and professional program, its graduates will be capable to use their gained knowledge of the profound level, namely:

to solve tasks in physical therapy by application of the complex of modern techniques and methods;

to comprehend the corresponding problems critically, available in the branch of health care; to carry out processing and interpretation of the obtained experimental and empirical data and to use them in practical activity;

to carry out inspection, testing and to process information of the main functionality of patients of different nosological groups;

to use devices and equipment for holding actions of physical therapy for control of the main vital indicators of patients and also to apply technical supportive applications of movement and self-service;

ability to adapt people who have functional restrictions to physical and social environmental conditions;

to treat information of the violations which are available for a patient / a client by classification of functioning, restriction of activity and health (ICF), and The International Classification of Functioning, restriction of activity and health of children and teenagers (ICF CT);

ability to define optimization of human being functional state and to promote effective development of locomotor and static functions of organism;

to administer pre-medical care at emergency and pathological processes in organism;

to establish interrelation between education of a person with special needs for conditions of family and to organize forms of education and study according to everyone like special facility;

to develop preventive actions for diseases and complications, to organize and hold health-improving and rehabilitation events with different contingent of the population.