



## Lviv State University of Physical Culture

# PECULIARITIES OF PREPARING SPECIALISTS IN PHYSICAL THERAPY

Kateryna Tymruk-Skoropad, PhD  
Lyubov Tsizh, PhD





Erasmus+



Co-funded by the  
Erasmus+ Programme  
of the European Union



samk



**Innovative Rehabilitation Education -  
Introduction of new master degree programs in  
Ukraine  
(REHAB)**



**REHAB**

<https://www.facebook.com/rehabEUkr/>  
<http://rehabeukr.eu/>



## FIRST meeting of partners, 01.01.2019, Riga



Co-funded by the  
Erasmus+ Programme  
of the European Union



## FIRST meeting of partners, 01.01.2019, Riga



To build the capacity for implementation of the new master study program in physical therapy in Ukraine from scratch



## SPECIFIC PROJECT OBJECTIVE/S:

- To create by 2019 Comprehensive Physical Therapy Mastery study program.
- To form by 2020 core academic/professional staff of at least 40 qualified PT faculty members for teaching physical therapy.
- To establish Educational Infrastructure for Learning Physiotherapy at University.
- To pilot by 2020 PT master programs based on new content and innovative teaching approaches and graduate up to 200 masters



## MAIN ACTIVITIES

- Approval of curriculum by the Ministry of Health
- Dev. of syllabi for the 1st year and 2nd year
- Development of teaching aids for the 1st and 2nd master year
- Development of eLearning content
- Technical preparation of eLearning content and placement onto platform
- Six oneweek workshops
- Pedagogy workshop in Ukraine
- Job shadowing by Ukr. faculty members in EU
- Traineeship of Ukr. masters student in EU
- Purchase and customs clearance of equipment
- Identification and purchase of minilibrary
- Seeking permission for translation of PT manuals
- Translation of four PT manuals
- Publishing PT manuals (external sources of funding)
- Facility (allocation, renovation, internet, elevator for disabled)
- Locate sources of laboratory funding
- Recruitment of PT instructors
- Recruitment of people with disabilities
- Instructing instructors/faculty members in using clinical cases, equipment, assessment tools, collaboration with people with disabilities
- Delivery of webinars/DL master year 1 and 2



Co-funded by the  
Erasmus+ Programme  
of the European Union

## Historical path of development

**1994** – creation of Physical Rehabilitation department at LSUPC

**1995 – 1998** – participation in Canadian-Ukrainian program “Partners in Health”

**1996** – first graduation of Bachelors in “Physical Rehabilitation”

**2001** – first graduation of Masters in “Physical Rehabilitation”

**2005** – beginning of PhD studies in “Physical Rehabilitation”

**2013** – beginning of Doctorate studies in “Physical Rehabilitation”

**2016** – beginning of training specialists in “Physical Therapy”





## bachelors program

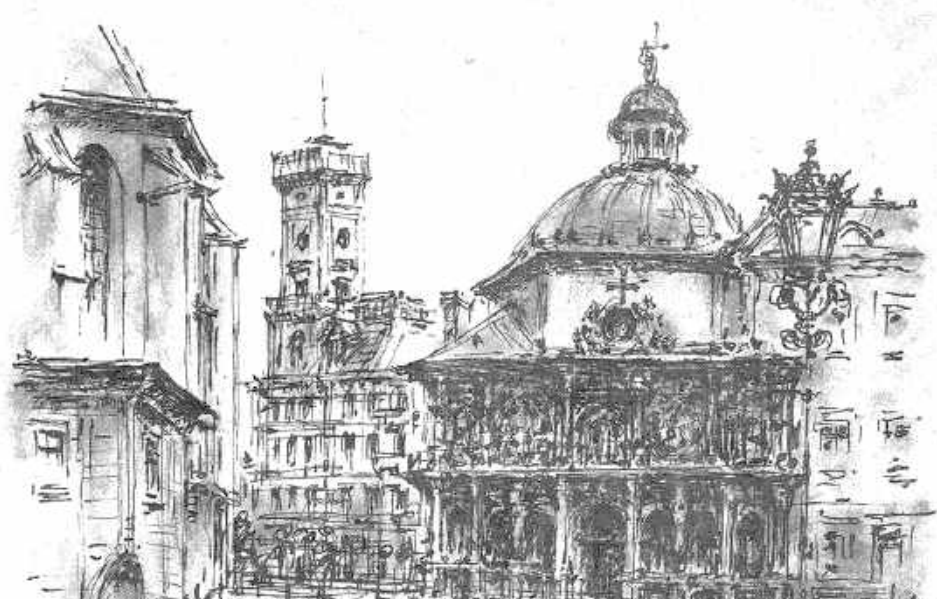
### 240 ECTS

includes:

- ✓ **24 ECTS** – clinical practice
- ✓ **136 ECTS** – PROFESSIONAL CYCLE
- ✓ **71 ECTS** – GENERAL CYCLE

### Diploma

given by Ministry of Education





## bachelors, 1 year

Subjects	ECTS	Σ	%
<b>PROFFESIONAL CYCLE</b>			
<b>obligatory</b>			
Practical activity in physical rehabilitation	2	12	20.7%
Physical Education (types of Health motive activity)	4		
General introductory Practice	6		
<b>GENERAL CYCLE</b>			
<b>obligatory</b>			
History of Ukraine	4	34	58.6%
Social and Human Sciences	6		
Latin language and medical terminology	2		
Human physiology ◀	6		
Anatomy ◀	10		
Foreign Language	3		
Theory and Methods of Physical Education	3	12	20.7%
<b>optional</b>			
Ukrainian Language with professional orientation	3		
Professional Ethics and deontology			
Hygiene and introduction to ecology ◀	3		
Medical and biological physics ◀			
Health education (valeology) ◀	3		
Labor Protection and Life Safety			
Computer Science and methods of mathematical statistics	3		
Medical law			
<b>Σ ECTS</b>		<b>58</b>	

Subjects	ECTS	Σ	%
bachelors, 2 year			
PROFFESIONAL CYCLE			
obligatory			
Scientific evidence practical activity in physical rehabilitation	2	27	45%
Pathological physiology	3		
Cardiology and Pulmonology	4		
Preformed physical factors	4		
Clinical and Rehabilitation Management in Pulmonary and Cardio-vascular Disorders	4		
Therapeutic exercises	6		
Physical education (types of health motive activity)	4		
Clinical Practice in physical rehabilitation of cardio-vascular and pulmonary desieases	6	6	10%
optional			
Biological Chemistry of motor activity	3	13	21,7%
Postisometric relaxation			
Pathological Anatomy	3		
Clinical rehabilitation management in the clinic of internal diseases			
Bases of medical knowledge	4		
Internal and surgical diseases			
Instrumental methods of functional diagnosis and treatment	3		
Recreational Activities for Disabled			
GENERAL CYCLE			
obligatory			
Pedagogy and Psychology	6	14	23,3%
Biological chemistry ◀	4		
Physiology of motor activity ◀	4		
Σ ECTS	60		

Subjects	ECTS	Σ	%
bachelors, 3 year			
PROFFESIONAL CYCLE			
obligatory			
Biomechanics and clinical Kinesiology	4	34	60,7%
Traumatology and Orthopedics (by professional direction)	4		
Method and technique of classical massage	4		
Surveys, methods of evaluation and control in Musculoskeletal disorder	8		
Clinical rehabilitation management in Musculoskeletal disorder	6		
Pre-medical care	4		
Physical education (types of health motive activity)	4		
Clinical Practice in Orthopedic Rehabilitation	6	6	10,7%
optional			
Anatomy of Musculoskeletal system	4	16	28,6%
Kinesiotaping			
Sports Traumatology	4		
Insurance, moving and positioning in physical rehabilitation			
Therapeutic massage	4		
Hydrotherapy			
Corrective Gymnastics			
Modern fitness technology	4		
Σ ECTS	56		



Subjects	ECTS	Σ	%
<b>PROFFESIONAL CYCLE</b>			
<b>obligatory</b>			
Models of rehabilitation services (based on ICF) and professional development	2	27	49,1%
Clinical Psychology	2		
Neurology and Neurosurgery	4		
Clinical and rehabilitation management in Disorders of Nervous System	3		
Ergotherapy (occupational therapy)	3		
Technical Means in Physical Rehabilitation	3		
Manual methods in physical rehabilitation	3		
Surveys, methods of evaluation and control in Disorders of Nervous System	7		
Clinical practice in physical rehabilitation for injuries and diseases of the nervous system	6	6	10,9%
<b>optional</b>			
Theory and method of adaptive physical education	4	11	20%
Resorts Studies			
Folk and non-traditional methods of rehabilitation	4		
Training the motor activity of patients and disabled			
Correctional Pedagogy	3		
Social and labor psychology			
<b>GENERAL CYCLE</b>			
<b>obligatory</b>			
health-related and recreational motor activity	4	7	12,7%
Management, Marketing and Administration in Physical Rehabilitation	3		
<b>optional</b>			
Anatomy of the nervous system (by professional orientation) ◀	4	4	7,3 %
SPA treatments			
<b>Σ ECTS</b>	<b>55</b>		

**bachelors, 4 year**

GENERAL CYCLE				
Professional Foreign Language	3	6	6,9%	master course
Philosophy	3			
PROFFESIONAL CYCLE				
Introduction to Ergotherapy (occupational therapy)	3	29	33,3%	
Physical Therapy in Neurology	4			
Physical Therapy in Pediatrics	4			
Physical Therapy in Multiple Disorders of Body Systems Functions	4			
Physical Therapy in Oncology	3			
Physical Therapy in Cardio-vascular Disorders	3			
Marketing in Physical Therapy	4			
Peculiarities of communication with the disabled	4			
Clinical practice				
Physical Therapy in Neurology	6	30	34,5%	
Physical Therapy in Pediatrics	6			
Physical Therapy in Multiple Disorders of Body Systems Functions	6			
Pre-diploma Practice	12			
Optional				
Computer and Information Technologies	3	19	21,8%	
Bioinformatics				
Information culture of society	3			
Bioethics				
Recreational sports activities	3			
Orthotics and Prosthetics				
Introduction to Immunology	3			
Introduction to Defectology				
Innovative Technologies in Physical therapy	3			
Non-invasive research methods				
Occupational therapy	4			
Introduction to Physical Therapy				
Master thesis	3	3	3,4%	
Σ ECTS		87		

master course





inviting to cooperate