



STUDY PROGRAMME MASTER DEGREE: preparing, modules, topics

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CURICULUM MASTER DEGREE PROGRAME, 2 years of study. **FIRST YEAR**

		ECTP	Hours (FtoF)	I semester		II semester	
				L	Pr	L	Pr
1	Neurorehabilitation PT	7	70	10	18	16	26
2	Trauma, polytrauma and Muscular-Skeleton Diseases (Травма, політравма, захворювання ОРА)	6	60	10	20	10	20
3	PT Innovation technologies (Іноваційні технології у ФТ)	3	30	10	20		
4	Business English (Професійно-орієнтована іноземна мова)	10	102		30		72
5	Methods of diagnostic in PT (Методи обстеження у ФТ)	4	40	10	30		
6	Nonspecific pain syndrome PT (ФТ при неспецифічному больовому синдромі)	3	30	10	20		
7	Gerontology and geriatrics PT (ФТ в геронтології та гериатрії)	5	50	16	36		
8	PT in pediatrics (ФТ в неонатології та педіатрії)	7	70	26	44		
9	Scientific research methods in PT and OT (Методи наукового дослідження у ФТ та ЕТ)	4	40			14	26
10	Methods of statistic analysis in PT and OT (Інформаційні технології наукової діяльності у ФТ та ЕТ)	3	30			10	20
11	Immunology (Основи імунології)	3	40			14	26
12	PT in cardiovascular diseases (ФТ при порушенні діяльності CCC)	3	50			16	34
	TOTAL	60	612				



CURRICULUM MASTER DEGREE PROGRAME, 2 years of study. **SECOND YEAR**

		ECTP	Hours	L	Pr
1	Oncology PT (онкохірургія)	3	90	12	32
2	Public health (Громадське здоров'я)	3	90	16	16
3	PT for chronic nonspecific diseases of modernity	3	90	12	32
4	Clinical practice (Neurology)	12	360		
5	Clinical practice (Podiatry)	12	360		
6	Clinical practice (Polytrauma)	12	360		
7	Magister thesis (prediploma practice+magister thesis)	15	450		
	Total	60			

Example of syllabi of Oncology PT

Developers: Olga BAS, PhD, PT, associate prof. of PT and OT department

Content of the discipline by Modul

Nº	MODUL	Topics	Content
1	PECULIARITIES OF THE DEVELOPMENT OF ONCOLOGICAL DISEASES, THEIR DIAGNOSTICS AND MODERN TREATMENT TRENDS	1. THE ESSENCE OF THE TUMOR PROCESS. CLASSIFICATIONS	Malignant tumors The essence and meaning of the subject. Definitions of the terms "tumor", "malignant tumor", "metastasis". Features of the emergence and spread of the tumor process.
		2. VARIETIES AND CLASSIFICATIONS OF QUALITATIVE TUMOR	Definition of the term "benign tumor". Characteristic benign tumors of different localization. Modern classifications and clinical manifestations of benign tumors.
		3. SKIN SIGNS OF DISEASE AND PRE-TUMOR STATES	Skin signs and tumors: etiology and pathogenesis, features of the course. Factors and features of the appearance and manifestations of the tumor process.
		4. MODERN METHODS OF DIAGNOSTICS, UNDERSTANDING TUMOR	The concept of physical examination and self-examination of lymph nodes and mammary glands, features and modern methods of diagnosis in case of suspected tumor.
		5. GENERAL PRINCIPLES AND METHODS OF TREATMENT ONCOLOGICAL DISEASES	General principles and methods of treatment of cancer. Features of application and complications after chemo-, radiotherapy and surgical treatment.

Nº	MODUL	Topics	Content
2	CURRENT TRENDS OF PT AND OT IN ONCOLOGICAL DISEASES	6. PECULIARITIES OF PHYSICAL THERAPY AND ERGOTHERAPY IN ONCOLOGICAL DISEASES	Features of rehabilitation in oncological diseases, components and structure of the rehabilitation process, stages and periods of physical rehabilitation. Features of work with ICF. Principles of construction of rehabilitation programs for cancer patients.
		7. REHABILITATION OF PATIENTS AT ONCOLOGICAL DISEASES	Features of conducting rehabilitation examination of patients with oncological diseases of different localization. Modern methods and tools of rehabilitation examination.
		8. PHYSICAL THERAPY EFFECTS IN COMPLICATIONS CONSEQUENCES OF ONCOLOGICAL DISEASES AND THEIR TREATMENTS. VARIETIES AND FEATURES.	Varieties, classifications and characteristics of the use of physical rehabilitation in case of complications due to the treatment of cancer. Indications and contraindications

Nº	MODUL	Topics	Content
2	CURRENT TRENDS OF PT AND OT IN ONCOLOGICAL DISEASES	6. PECULIARITIES OF PHYSICAL THERAPY AND ERGOTHERAPY IN ONCOLOGICAL DISEASES	Features of rehabilitation in oncological diseases, components and structure of the rehabilitation process, stages and periods of physical rehabilitation. Features of work with ICF. Principles of construction of rehabilitation programs for cancer patients.
		7. REHABILITATION OF PATIENTS AT ONCOLOGICAL DISEASES	Features of conducting rehabilitation examination of patients with oncological diseases of different localization. Modern methods and tools of rehabilitation examination.
		8. PHYSICAL THERAPY EFFECTS IN COMPLICATIONS CONSEQUENCES OF ONCOLOGICAL DISEASES AND THEIR TREATMENTS. VARIETIES AND FEATURES.	Varieties, classifications and characteristics of the use of physical rehabilitation in case of complications due to the treatment of cancer. Indications and contraindications
3	FEATURES OF BUILDING REHABILITATION PROGRAM IN ONCOLOGICAL DISEASES OF DIFFERENT LOCALIZATION	9. MAIN MEANS OF PHYSICAL THERAPY FOR COMPLICATIONS IN CONSEQUENCES OF ONCOLOGICAL DISEASES AND THEIR TREATMENT	Classification of the basic means of physical therapy, which are used in cancer and with typical complications from the treatment. Principles of using exercise. Characteristics and philosophy of manual lymphatic drainage by Vodder and manual lymphatic drainage. Kinesyotaping and banding, methodical features of application.

Nº	MODUL	Topics	Content
4	PRACTICAL APPLICATION OF PHYSICAL THERAPY IN THE CLINICAL MANIFESTATIONS OF ONCOLOGICAL DISEASES MISCELLANEOUS LOCALIZATION AND COMPLICATIONS AFTER THIS TREATMENT	ADDITIONAL MEANS OF PHYSICAL THERAPY AT COMPLICATIONS IN CONSEQUENCES OF ONCOLOGICAL DISEASES AND THEIR TREATMENTS	Symptomatics and clinical manifestations of tumors of different localization. Features of construction of the program of physical therapy and ergotherapy on the basis of medical diagnosis and data of rehabilitation examination. Practical application and demonstration of physical therapy in accordance with basic and rehabilitation diagnosis. Methodological features of conducting rehabilitation examination and selection of physical therapy and ergotherapy.

Practical classes include:

- Lectures
- **Seminars** with practice of rehabilitation assessment, lymphodrenage kinesiotaping, banding, self-assessment, lymphodrenage massage and self-massage, clinical cases etc.
- **Laboratory classes.**

Assessment

Graduate test which include total points of 3 theoretical tests and 1 practical skills exam.



MASTER THESIS

1. 15 ECTS

2. Methodical recommendations for preparing

1. CONTENTS AND FEATURES OF MASTER'S TRAINING WORKS

1.1. Terms

1.2. Stages of preparation and execution of master's work

2. REQUIREMENTS FOR PERFORMANCE AND DECLARATION MASTER'S WORK

2.1. General recommendations for the design of master's works

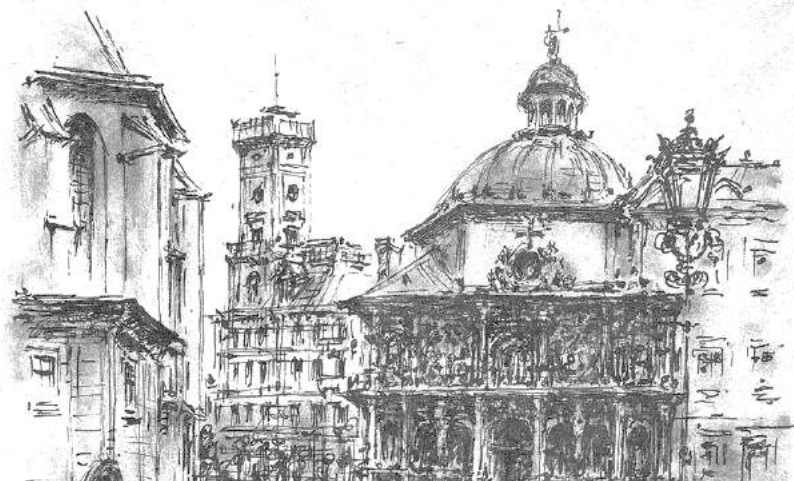
2.2. Structure of the master's work

3. ORGANIZATION AND PROCEDURE OF PROTECTION OF MASTER'S WORKS

APPENDICES

3. Preparing one article or conference thesis

4. Participant in student conference with results of master research





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

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