

I. HORBACHEVSKY TERNOPIL NATIONAL MEDICAL UNIVERSITY  
OF THE MINISTRY OF HEALTH OF UKRAINE

Curriculum

Specialty 222 «Medicine»

1st year of study

List of Academic Subjects	Number of credits	Academic hours					I semester					II semester						
		Number of academic hours	Lectures	Seminars	Practical classes	Students individual work	lectures	seminars	practical classes	students individual work	Type of control		lectures	seminars	practical classes	students individual work	Type of control	
											exam	credit/diff. credit					exam	credit/diff. credit
Ukrainian as a Foreign Language	6	180			80	100			10	10		pass			70	90		pass
Latin Language and Medical Terminology	3	90			70	20			30	10		pass			40	10		/*
History of Ukraine and Ukrainian Culture	3	90	20	10		60	20	10		60		*/						
Philosophy	3	90	20	20		50							20	20		50		/*
Medical Biology	4.5	135	36		54	45	18		26	20		pass	18		28	25	*	
Medical Physics	4	120	26		52	42	12		26	20		pass	14		26	22		*/
Medical Informatics and Biostatistics	2	60	14		32	14	6		8	4		pass	8		24	10		*/
Biological and Bioorganic Chemistry	3	90	14		26	50							14		26	50		pass
Medical Chemistry	4	120	22		42	56	22		42	56	*							
Human Anatomy	9.5	285	56		124	105	28		62	53		pass	28		62	52		pass
Histology, Cytology and Embryology	6	180	20		64	96							20		64	96		pass
Elective Courses	12	360			80	280									80	280		*/
Physical Training		160		30		130		14		60		pass		16		70		pass
<b>Total</b>	<b>60</b>	<b>1800</b>	<b>228</b>	<b>30</b>	<b>624</b>	<b>918</b>	<b>106</b>	<b>10</b>	<b>204</b>	<b>233</b>			<b>122</b>	<b>20</b>	<b>420</b>	<b>685</b>		

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Specialty 222 «Medicine»

2nd year of study

List of Academic Subjects	Number of credits	Academic hours					I semester						II semester					
		Number of academic hours	Lectures	Seminars	Practical classes	Students individual work				students individual work	Type of control					students individual work	Type of control	
							lectures	seminars	practical classes		exam	credit/diff. credit	lectures	seminars	practical classes		exam	credit/diff. credit
Ukrainian as a Foreign Language	4.3	130			90	40			56	34		pass			34	6		/*
Human Anatomy	3	90	20		30	40	20		30	40	*							
Histology, Cytology and Embryology	4	120	20		40	60	20		40	60	*							
Physiology	9	270	62		110	98	20		52	30		pass	42		58	68	*	
Bioethics	1	30	10	10		10	10	10		10		pass					*	
Biological and Bioorganic Chemistry	6.5	195	40		90	65	20		40	30			20		50	35	*	
Microbiology, Virology and Immunology	4.5	135	30		60	45							30		60	45		pass
Clinical Anatomy and Operative Surgery	2	60	10		40	10							10		40	10		pass
Molecular Biology and Medical Genetics	3	90	20		12	58	10		6	29		pass	10		6	29		*/
Pre-Medical First Aid in Emergencies	1.7	50			30	20						pass			30	20		*/
Hygiene and Ecology	3	90	20		40	30							20		40	30		pass
Patient Care (Practical Training)	6	180			42	138									42	138		/*
Elective Courses	12	360			80	280			40	140		pass			40	140		*/
Physical Training		160		30		130		14		60		pass		16		70		*/
<b>Total</b>	<b>60.0</b>	<b>1800.0</b>	<b>232.0</b>	<b>10.0</b>	<b>664.0</b>	<b>894.0</b>	<b>100.0</b>	<b>10.0</b>	<b>264.0</b>	<b>373.0</b>			<b>132.0</b>	<b>0.0</b>	<b>400.0</b>	<b>591.0</b>		

Head of the Academic Department

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3rd year of study

List of Academic Subjects	Number of credits	Academic hours					I semester					II semester						
		Number of academic hours	Lectures	Seminars	Practical classes	Students individual work	lectures	seminars	practical classes	students individual work	Type of control		lectures	seminars	practical classes	students individual work	Type of control	
											exam	credi/diff. credit					exam	credi/diff. credit
Microbiology, Virology and Immunology	3	90	16		36	38	16		36	38	*							
Pathomorphology	6	180	40		70	70	20		28	30		pass	20		42	40	*	
Pathophysiology	6	180	40		70	70	20		28	30		pass	20		42	40	*	
Pharmacology	6	180	40		70	70	20		28	30		pass	20		42	40	*	
Hygiene and Ecology	2	60	10		30	20	10		30	20		/*						
Social Medicine, Public Health	3	90	10		40	40							10		40	40	pass	
Propedeutics of Internal Medicine	5	150	26		70	54	12		30	20		pass	14		40	34	/*	
Propedeutics of Pediatrics	5	150	26		70	54	10		30	20		pass	16		40	34	/*	
General Surgery	5	150	30		64	56	12		30	20		pass	18		34	36	/*	
Radiology	4	120	24		52	44	12		20	20		pass	12		32	24	/*	
Medical Psychology	3	90	10		18	62							10		18	62	*/	
Clinical anatomy and Operative Surgery	1	30			12	18			12	18		/*						
Nursing practical Training	5	150			36	114			36	114		/*						
Elective Courses	6	180			40	140			20	70		pass			20	70	*/	
Unified State Qualification Exam 1		30														30		
<b>Total</b>	<b>60.0</b>	<b>1830.0</b>	<b>272.0</b>		<b>678.0</b>	<b>850.0</b>	<b>132.0</b>		<b>328.0</b>	<b>430.0</b>			<b>140.0</b>		<b>350.0</b>	<b>450.0</b>		

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**Specialty 222 «Medicine»**

**4th year of study**

List of Academic Subjects	Number of credits	Academic hours					I semester						II semester					
		Number of academic hours	Lectures	Seminars	Practical classes	Students individual work				students individual work	Type of control					students individual work	Type of control	
							lectures	seminars	practical classes		exam	credi/diff. credit	lectures	seminars	practical classes		exam	credi/diff. credit
Internal Medicine (Endocrinology)	7.5	225	30		114	81	14		54	36		Pass	16		60	45	*	
Pediatrics	4	120	18		66	36	8		30	15		Pass	10		36	21	*	
Surgery	4.5	135	20		60	55	10		30	27		Pass	10		30	28	*	
Obstetrics and Gynecology	3	90	24		30	36							24		30	36		Pass
Social Medicine, Public Health	3	90	10		30	50	10		30	50		/*						
Urology	3	90	10		30	50	10		30	50		/*						
Otorhynolaryngology	3	90	10		30	50							10		30	50		/*
Ophthalmology	3	90	10		30	50	10		30	50		/*						
Neurology	4	120	14		66	40	8		30	20		Pass	6		36	20	*	
Psychiatry, Narcology	3	90	18		42	30	8		18	10		Pass	10		24	20		/*
Dermatology, Venereology	3	90	10		30	50	10		30	50		/*						
Physical Rehabilitation, Sports Medicine	3	90	12		24	54							12		24	54		/*
Forensic Medicine	2	60	10		30	20	6		18	10		Pass	4		12	10		*/
Medical Law of Ukraine	1	30	6		12	12	6		6	6		Pass			6	6		*/
Elective Courses	7	210			60	150			30	75		Pass			30	75		*/
Practical Training	6	180		40		140								40		140		/*
<b>Total</b>	<b>60.0</b>	<b>1800.0</b>	<b>202.0</b>	<b>40.0</b>	<b>654.0</b>	<b>904.0</b>	<b>100.0</b>		<b>336.0</b>	<b>399.0</b>			<b>102.0</b>	<b>40.0</b>	<b>318.0</b>	<b>505.0</b>		

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**Specialty 222 «Medicine»**

**5th year of study**

List of Academic Subjects	Number of credits	Academic hours					I semester					II semester						
		Number of academic hours	Lectures	Seminars	Practical classes	Students individual work	lectures	seminars	practical classes	students individual work	Type of control		lectures	seminars	practical classes	students individual work	Type of control	
											exam	credi/diff. credit					exam	credi/diff. credit
Internal Medicine	5.5	165	26		96	43	10		42	21		Pass	16		54	22	*	
Clinical Pharmacology	1.5	45			24	21			12	10		Pass			12	11	*	
Clinical Immunology and Allergology	2	60	6		24	30	4		6	15		Pass	2		18	15	*	
Occupational Diseases	1	30	6		12	12							6		12	12	*	
Infectious Diseases with Epidemiology	5.5	165	30		78	57	8		24	20		Pass	22		54	37	*	
Oncology and Radiation Medicine	4	120	16		48	56	8		18	28		Pass	8		30	28		/*
Pediatrics with Pediatric Infectious Diseases and Medical Genetics	5	150	18		96	36	10		42	16		Pass	8		54	20	*	
Surgery	4	120	10		60	50	6		24	25		Pass	4		36	25	*	
Pediatric Surgery	2.5	75	8		30	37	4		12	14		Pass	4		18	23	*	
Neurosurgery	1	30	6		12	12	4		6	6		Pass	2		6	6	*	
Traumatology and Orthopedics	3	90	10		42	38	6		24	15		Pass	4		18	23		/*
Obstetrics and Gynecology	4	120	18		48	54	10		24	26		Pass	8		24	28	*	
Phthisiology	3	90	10		30	50	10		30	50		*/						
Anesthesiology and Intensive Care	3	90	6		54	30	4		30	17		Pass	2		24	13		/*
Emergency and Urgent Medical Care	3	90	6		24	60	6		24	60		/*						
Elective Courses	6	180			40	140			20	70		Pass			20	70		*/
Practical Training	6	180		40		140								40		140		/*
<b>Total</b>	<b>60.0</b>	<b>1800.0</b>	<b>176.0</b>	<b>40.0</b>	<b>718.0</b>	<b>866.0</b>	<b>90.0</b>		<b>338.0</b>	<b>393.0</b>			<b>86.0</b>	<b>40.0</b>	<b>380.0</b>	<b>473.0</b>		

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**6th year of study**

List of Academic Subjects	Number of credits	Academic hours					I semester						II semester					
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											exam	credi/diff. credit					exam	credi/diff. credit
Preventive Medicine, Hygiene and Ecology	3	90			42	48			42	48		/*						
Management and Economics of Health Care	3	90			42	48			42	48		/*						
Internal Medicine	9	270			126	144			60	72		Pass			66	72		/*
Emergency Conditions in Internal Medicine	3	90			66	24			36	10		Pass			30	14		/*
Infectious Diseases	1.5	45			36	9			12	3		Pass			24	6		*/
Surgery, Pediatric Surgery	7	210			120	90			72	47		Pass			48	43		/*
Pediatrics with Children Infectious Diseases	7	210			102	108			30	33		Pass			72	75		/*
Obstetrics and Gynecology with Adolescent Gynecology	3.5	105			60	45			30	22		Pass			30	23		/*
General Practice (Family Medicine)	4	120			84	36			30	15		Pass			54	21		/*
Functional and Laboratory Diagnostics in Internal Medicine	3	90			60	30			42	20		Pass			18	10		*/
Training in Medical Simulation	4	120			72	48									72	48		/*
Elective Courses	9	270			60	210			30	105		Pass			30	105		*/
Practical Training	3	90		24		66		24		66		/*						
Unified State Qualification Exam 2		30														30		
<b>Total</b>	<b>60</b>	<b>1830</b>		<b>24</b>	<b>870</b>	<b>906</b>		<b>24</b>	<b>426</b>	<b>489</b>					<b>444</b>	<b>447</b>		

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