

**I. HORBACHEVSKY TERNOPII NATIONAL MEDICAL UNIVERSITY
OF THE MINISTRY OF HEALTH OF UKRAINE**

**Curriculum
Specialty 222 «Medicine»
1st year of study**

Academic discipline	Number of credits	Number of academic hours					I semester				II semester			
		number of academic hours	Lectures	Seminars	Practical classes	Students individual work	lectures	seminars	practical classes	individual work	lectures	seminars	practical classes	individual work
Foreign Language	3	90			50	40			10	20			40	20
Latin and medical terminology	3	90			70	20			34	10			36	10
Ukrainian language (for professional purpose)	3	90			30	60			30	60				
Ukrainian as a foreign language (for foreign students)	3	90			30	60							30	60
History of Ukraine and Ukrainian culture	3	90	20	10		60	10	4		32	10	6		28
Philosophy	3	90	20	20		50					20	20		50
History of medicine	3	90	10	10		70					10	10		70
Life safety, basics of bioethics and biosafety	3	90	20	20		50	20	20		50				
Medical biology	5,5	165	36		54	75	18		26	35	18		28	40
Medical physics of diagnostic and medical equipment	4	120	26		52	42	12		26	20	14		26	22
Biological and bioorganic chemistry	3	90	14		26	50					14		26	50
Medical chemistry	4	120	22		42	56	22		42	56				
Human anatomy	11,5	345	56		124	165	28		62	80	28		62	85
Histology, cytology and embryology	7	210	20		64	126					20		64	126
<i>Elective course: Law</i>	4	120	10		10	100	10		10	100				
Physical Education		160		30		130		14		60		16		70
Total	63	2050	254	90	552	1154	120	38	240	523	134	52	312	631

2nd year of study

List of Academic Subjects	Credits	Academic hours					I semester				II semester			
		Total	Lectures	Seminars	Practical classes	Students individual work				individual work				individual work
							lectures	seminars	practical classes		lectures	seminars	practical classes	
Foreign Language (for professional purposes)	6	180			70	110			36	60			34	50
Human Anatomy	3	90	20		30	40	20		30	40				
Histology, Cytology Embryology	4,5	135	24		40	71	24		40	71				
Physiology	10	300	62		110	128	20		52	60	42		58	68
Biological and Bioorganic Chemistry	6,5	195	40		90	65	20		40	30	20		50	35
Microbiology, Virology and Immunology	5,5	165	30		60	75					30		60	75
Clinical Anatomy and Operative Surgery	3	90	10		40	40					10		40	40
Occupational Safety in Medicine	3	90	10		18	62	10		18	62				
Medical Informatics	3,5	105	14		32	59	6		8	20	8		24	39
Patients Care (practical training)	5	150			34	116							34	116
Pre-hospital emergency Care:	3	90			50	40								
<i>Pre-hospital emergency care (I stream)</i>		50			30	20							30	20
<i>Pre-hospital emergency care (II, III stream)</i>		50			30	20			30	20				
<i>Ukrainian Language (foreign students)</i>		40			20	20			20	20				
Hygiene and Ecology	3	90	20		40	30					20		40	30
<i>Elective course: Molecular Biology</i>	4	120	20		4	96	8		2	46	12		2	50
Physical Training		160		30		130	0	14	0	60		16		70
Total	60,0	1960,0	250,0	30,0	#####	1022,0	108	#####	256	469	142	16	372	593

3rd year of study

List of Academic Subjects	Credits	Academic hours					I semester				II semester			
		Total	Lecturs	Seminars	Practical classes	Students individual work				individual work				individual work
							lectures	seminars	practical classes		lectures	seminars	practical classes	
Microbiology, Virology and Immunology	3	90	16		36	38	16		36	38				
Pathological Morphology	7	210	40		70	100	20		28	40	20		42	60
Pathological Physiology	7	210	40		70	100	20		28	40	20		42	60
Pharmacology	7	210	30		70	110	14		28	50	16		42	60
Hygiene and Ecology	3	90	10		30	50	10		30	50				
Social Medicine, Public Health	3	90	10		40	40					10		40	40
Propedeutics of Internal Medicine	6	180	30		70	80	16		30	40	14		40	40
Propaedeutics of Pediatrics	5	150	30		70	50	14		30	20	16		40	30
General Surgery	6	180	30		64	86	12		30	40	18		34	46
Radiology	4	120	24		52	44	12		20	20	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	3	90			30	60			30	60				
<i>Elective course: Clinical Biochemistry</i>	3	90			24	66			8	36			16	30
Unified State Qualification Exam 1		30				30								30
Total	61,0	1860,0	270,0	0,0	656,0	934,0	134	0	310	452	136	0	346	482

4th year of study

List of Academic Subjects	Credits	Academic hours					I semester				II semester			
		Total	Lectures	Seminars	Practical classes	Students individual work	lectures	seminars	practical classes	individual work	lectures	seminars	practical classes	individual work
Internal Medicine with Endocrinology and Communication in Medicine	8	240	46		114	74	24		54	36	22		60	44
<i>Communication in medicine</i>					6								6	
Pediatrics	4,5	135	20		72	43	10		36	21	10		36	22
Surgery	4,5	135	20		60	55	10		30	27	10		30	28
Obstetrics and Gynecology	3	90	24		30	36					24		30	36
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	6		36	20
Psychiatry, Narcology	3	90	18		42	30	8		18	10	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. Medical Law of Ukraine	3	90	16		42	32								
<i>Forensic Medicine</i>	2	60	10		30	20	6		18	10	4		12	10
<i>Medical Law of Ukraine</i>	1	30	6		12	12					6		12	12
Training of reserve officers in the field of Healthcare, Specialty "Medicine":	4	120	10		60	50								
Elective Course: Actual Issues of Diagnostics	3	90			30	60								
Practical Training	5	150		40		110						40		110
Total	60,0	1800,0	230,0	40,0	696,0	866,0	106,0		306,0	324,0	114,0	40,0	300,0	406,0

5th year of study

List of Academic Subjects	Credits	Academic hours					I semester				II semester			
		Total	Lectures	Seminars	Practical classes	Students individual work				individual work				individual work
							lectures	seminars	practical classes		lectures	seminars	practical classes	
Internal Medicine	8	240	36		102	102	16		54	48	20		48	54
Infectious Diseases	6	180	20		60	100	8		30	50	12		30	50
Epidemiology	1,5	45	10		18	17					10		18	17
Occupational Diseases	1,5	45	6		12	27					6		12	27
Oncology	3	90	12		36	42	12		36	42				
Clinical Pharmacology	1	30			24	6							24	6
Pediatrics	4	120	14		60	46	8		30	22	6		30	24
Pediatric Infectious Diseases	1,5	45	6		24	15	6		24	15				
Medical Genetics (I Stream)	1	30			18	12							18	12
Social Medicine, Health Care Organization (with biostatistics)	2	60	10		18	32	10		18	32				
Surgery	4,5	135	10		60	65	6		30	24	4		30	41
Pediatric Surgery	2	60	10		30	20	10		30	20				
Traumatology and Orthopedics	3	90	10		42	38	6		24	15	4		18	23
Obstetrics and Gynecology	4	120	18		48	54	10		24	26	8		24	28
Clinical Immunology and Allergology	2	60	6		24	30	6		24	30				
Anesthesiology and Intensive Care	3	90	6		54	30	4		30	11	2		24	19
Radiation Medicine	1,5	45	8		12	25					8		12	25
Neurosurgery	1,5	45	8		12	25					8		12	25
Section Course	0,5	15			12	3							12	3
Basics of Dentistry	0,5	15			12	3							12	3
<i>Elective course: Military Surgery</i>	1,5	45			30	15							30	15
Practical Training	6	180		40		140						40		140
Total	59,5	1785,0	190,0	40,0	708,0	847,0	102,0	0,0	354,0	335,0	88,0	40,0	354,0	512,0

6th year of study

List of Academic Subjects	Credits	Academic hours					I semester				II semester			
		Total	Lectures	Seminars	Practical classes	Students individual work	lectures	seminars	practical classes	individual work	lectures	seminars	practical classes	individual work
Internal Medicine with Infectious Diseases and Phthisiology	19	570			330	240								
<i>Internal medicine</i>	8	240			126	114			126	114				
<i>Internal medicine in family medicine</i>	2	60			48	12			48	12				
<i>Infectious diseases and problems of HIV-infection</i>	2	60			30	30			30	30				
<i>Emergency conditions in internal medicine</i>	4,5	135			78	57			78	57				
<i>Phthisiology</i>	1	30			12	18			12	18				
<i>Functional diagnostics in internal medicine</i>	1,5	45			36	9			36	9				
Pediatrics with children infectious diseases	10	300			150	150								
<i>Pediatrics, children infections</i>	7	210			108	102						108	102	
<i>Pediatrics in family medicine</i>	1	30			18	12						18	12	
<i>Clinical and laboratory diagnostics in pediatrics</i>	2	60			24	36						24	36	
Surgery with Pediatric Surgery and Oncology	11,5	345			168	177								
<i>Surgery</i>	6,5	195			90	105								
<i>Surgery in family medicine</i>	1	30			12	18								
<i>Pediatric surgery</i>	1	30			18	12								
<i>Minimally invasive surgery</i>	2	60			36	24								
<i>Oncology</i>	1	30			12	18								
Obstetrics and Gynecology	4,5	135			84	51								
<i>Obstetrics and gynecology</i>	2,5	75			60	15			60	15				
<i>Obstetrics and gynecology in family medicine</i>	1	30			12	18			12	18				
<i>Clinical and laboratory diagnostics in obstetrics and gynecology</i>	1	30			12	18			12	18				
General Practice (Family Medicine)	3	90			42	48			36	24			6	24
Hygiene and Ecology	2,5	75			42	33							42	33
Social Medicine, Organization and Economics of Health Care	2,5	75			42	33							42	33
Elective courses:	3	90			48	42								
<i>Actual issues of hematology and transfusion</i>	1	30			12	18								
<i>Clinical and laboratory diagnostics in internal medicine</i>	1	30			18	12								
<i>Medical rehabilitation</i>	1	30			18	12								
Attestation	4,5	135				135								135
Total	60,5	1815,0	0,0	0,0	906,0	909,0	0,0	0,0	450,0	315,0			456,0	594,0