

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

**Curriculum  
Specialty 221 «Dentistry»  
1<sup>st</sup> 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
Foreign Language	3	90			50	40			36	18			14	22
Foreign Language for Professional Purposes	3	90			30	60							30	60
Latin Language and Medical Terminology	3	90			60	30			26	14			34	16
Ukrainian Language for Professional Purposes	3	90			30	60							30	60
History of Ukraine and Ukrainian Culture	3	90	20	10		60	6	6		28	14	4		32
Philosophy	3	90	20	20		50	20	20		50				
History of Medicine	3	90	10	10		70	10	10		70				
Medical Biology	5	150	36		54	60	16		22	28	20		32	32
Medical Physics of Diagnostic and Medical Equipment	4	120	30		40	50	12		16	24	18		24	26
Medical Chemistry	3	90	22		30	38	22		30	38				
Biological and Bioorganic Chemistry	3	90	10		28	52					10		28	52
Human Anatomy	11	330	60		160	110	24		68	54	36		92	56
Histology, Cytology and Embryology	7	210	50		110	50	22		50	24	28		60	26
Life Safety; Basics of Bioethics and Biosecurity	3	90	20	20		50					20	20		50
<i>Elective Course: Law</i>	3	90	20	20		50					20	20		50
Physical Education		160		30		130		14		60		16		70
<b>Total</b>	<b>60</b>	<b>1960</b>	<b>298</b>	<b>110</b>	<b>592</b>	<b>960</b>	<b>132</b>	<b>50</b>	<b>248</b>	<b>408</b>	<b>166</b>	<b>60</b>	<b>344</b>	<b>552</b>

## 2<sup>nd</sup> year of study

List of Academic Subjects	Credits	Academic hours					I semester				II semester			
		Total	Lecures	Seminars	Practical classes	Students individual work				individual work				individual work
							lectures	seminars	practical classes		lectures	seminars	practical classes	
Physiology	6	180	40		80	60	20		30	25	20		50	35
Biological and Bioorganic Chemistry	5	150	30		80	40	14		38	18	16		42	22
Microbiology, Virology, Immunology	5	150	30		70	50	30		70	50				
Clinical Anatomy and Operative Surgery	3	90	10		30	50	10		30	50				
Propedeutics of Internal Medicine	3	90	10		24	56	10		24	56				
Hygiene and Ecology	3	90	10		30	50	10		30	50				
Pathological Morphology	3	90	20		40	30					20		40	30
Pathological Physiology	3	90	20		40	30					20		40	30
Pharmacology	3	90	20		40	30					20		40	30
Medical Informatics	3	90	6		24	60					6		24	60
Propedeutics of Therapeutic Dentistry	4	120	10		70	40	4		24	15	6		46	25
Propedeutics of Orthopedic Dentistry	4	120	6		64	50					6		64	50
Propedeutics of Pediatric Therapeutic Dentistry	3	90	10		40	40	10		40	40				
Training of Reserve Officers in the field of Healthcare	3	90			50	40								
<i>Elective Course: Actual Issues of General Surgery</i>	3	90	10		20	60	10		16	50			4	10
Physical Training		160		30		130		14		60		16		70
Practical Training	6	180		40		140						40		140
<b>Total</b>	<b>60,0</b>	<b>1960,0</b>	<b>232,0</b>	<b>70,0</b>	<b>702,0</b>	<b>956,0</b>	<b>118,0</b>	<b>14,0</b>	<b>302,0</b>	<b>414,0</b>	<b>114,0</b>	<b>56,0</b>	<b>350,0</b>	<b>502,0</b>

### 3<sup>rd</sup> year of study

List of Academic Subjects	Credits	Academic hours					I semester				II semester			
		Total	Lecures	Seminars	Practical classes	Students individual work				individual work				individual work
							lectures	seminars	practical classes		lectures	seminars	practical classes	
Pathological Morphology	3	90	10		40	40	10		40	40				
Pathological Physiology	3	90	10		40	40	10		40	40				
Pharmacology	3	90	10		40	40	10		40	40				
Internal Medicine	3	90	10		40	40					10		40	40
Surgery	3	90	20		30	40					20		30	40
Social Medicine, Public Health and Basics of Evidence-Based Medicine	3	90	10		30	50	10		30	50				
Occupational Safety in Medicine	3	90	10		20	60					10		20	60
Radiology	3	90	10		30	50					10		30	50
Forensic Medicine. Medical Law of Ukraine	3	90	16		34	40								
<i>Forensic Medicine.</i>	2	60	10		20	30					10		20	30
<i>Medical Law of Ukraine</i>	1	30	6		14	10					6		14	10
Prevention of Dental Diseases	4	120	10		60	50	6		30	20	4		30	30
Therapeutic Dentistry	7	210	30		120	60	10		42	30	20		78	30
Dental Surgery	6,5	195	20		100	75	10		40	30	10		60	45
Orthopedic Dentistry	6,5	195	20		100	75	10		40	30	10		60	45
Orthodontics	4	120	10		60	50					10		60	50
<i>Elective course: Side effect of medication</i>	3	90			20	70			20	70				
Practical Training	5	150		30		120						30		120
Unified State Qualification Exam 1		15				15								30
<b>Total</b>	<b>63,0</b>	<b>1890,0</b>	<b>196,0</b>	<b>30,0</b>	<b>764,0</b>	<b>915,0</b>	<b>76,0</b>	<b>0,0</b>	<b>322,0</b>	<b>350,0</b>	<b>120,0</b>	<b>30,0</b>	<b>442,0</b>	<b>580,0</b>

### 4<sup>th</sup> year of study

List of Academic Subjects	Credits	Academic hours					I semester				II semester			
		T total	Lecures	Seminars	Practical classes	Students individual work	lectures	seminars	practical classes	individual work	lectures	seminars	practical classes	individual work
<b>Internal Medicine with Endocrinology (including infectious diseases, epidemiology, clinical pharmacology)</b>	<b>5,5</b>	<b>165</b>	<b>24</b>		<b>102</b>	<b>39</b>								
<i>Internal medicine</i>	3	90	18		48	24	18		48	24				
<i>Infectious diseases</i>	1	30	6		18	6	6		18	6				
<i>Epidemiology</i>	0,5	15			12	3			12	3				
<i>Cinical pharmacology</i>	1	30			24	6			24	6				
<b>Surgery with Oncology and Neurosurgery</b>	<b>4,5</b>	<b>135</b>	<b>24</b>		<b>66</b>	<b>45</b>								
<i>Surgery</i>	2,5	75	16		42	17	8		18	7	8		24	10
<i>Oncology</i>	1	30	4		12	14					4		12	14
<i>Neurosurgery</i>	1	30	4		12	14					4		12	14
<b>Phthisiology</b>	<b>3</b>	<b>90</b>	<b>10</b>		<b>24</b>	<b>56</b>					<b>10</b>		<b>24</b>	<b>56</b>
<b>Pediatrics</b>	<b>3</b>	<b>90</b>	<b>10</b>		<b>24</b>	<b>56</b>					<b>10</b>		<b>24</b>	<b>56</b>
<b>Obstetrics</b>	<b>3</b>	<b>90</b>	<b>10</b>		<b>24</b>	<b>56</b>	<b>10</b>		<b>24</b>	<b>56</b>				
<b>Neurology with Neurostomatology, Psychiatry, Narcology and Medical Psychology</b>	<b>4</b>	<b>120</b>	<b>20</b>		<b>60</b>	<b>40</b>								
<i>Neurology and neurostomatology</i>	1,5	45	6		24	15					6		24	15
<i>Psychiatry, narcology</i>	1,5	45	6		24	15					6		24	15
<i>Medical psychology</i>	1	30	8		12	10					8		12	10
<b>Dermatology, Venereology</b>	<b>3</b>	<b>90</b>	<b>6</b>		<b>24</b>	<b>60</b>	<b>6</b>		<b>24</b>	<b>60</b>				
<b>Otolaryngology and Ophthalmology</b>	<b>3</b>	<b>90</b>	<b>12</b>		<b>48</b>	<b>30</b>								
<i>Otolaryngology</i>	1,5	45	6		24	15					6		24	15
<i>Ophthalmology</i>	1,5	45	6		24	15					6		24	15
<b>Therapeutic Dentistry</b>	<b>4</b>	<b>120</b>	<b>10</b>		<b>90</b>	<b>20</b>	<b>10</b>		<b>54</b>	<b>10</b>			<b>36</b>	<b>10</b>
<b>Dental Surgery</b>	<b>4</b>	<b>120</b>	<b>8</b>		<b>72</b>	<b>40</b>	<b>4</b>		<b>36</b>	<b>20</b>	<b>4</b>		<b>36</b>	<b>20</b>
<b>Orthopedic Dentistry</b>	<b>4</b>	<b>120</b>	<b>8</b>		<b>72</b>	<b>40</b>	<b>4</b>		<b>36</b>	<b>20</b>	<b>4</b>		<b>36</b>	<b>20</b>
<b>Pediatric Therapeutic Dentistry</b>	<b>4</b>	<b>120</b>	<b>8</b>		<b>72</b>	<b>40</b>	<b>4</b>		<b>36</b>	<b>20</b>	<b>4</b>		<b>36</b>	<b>20</b>
<b>Pediatric Surgical Dentistry</b>	<b>3</b>	<b>90</b>	<b>8</b>		<b>42</b>	<b>40</b>					<b>8</b>		<b>42</b>	<b>40</b>
<b>Orthodontics</b>	<b>3</b>	<b>90</b>	<b>8</b>		<b>42</b>	<b>40</b>	<b>8</b>		<b>42</b>	<b>40</b>				
<i>Elective Course: Modern Solid Casting Technology</i>	3	90			36	54							36	54
<b>Practical Training</b>	<b>6</b>	<b>180</b>		<b>48</b>		<b>132</b>						<b>48</b>		<b>132</b>
<b>Total</b>	<b>60,0</b>	<b>1740,0</b>	<b>166,0</b>	<b>48,0</b>	<b>798,0</b>	<b>788,0</b>	<b>78,0</b>	<b>0,0</b>	<b>372,0</b>	<b>272,0</b>	<b>88,0</b>	<b>48,0</b>	<b>426,0</b>	<b>516,0</b>

**Specialty 7.12010005 «Dentistry»  
5<sup>th</sup> year of study**

List of Academic Subjects	Credits	Academic hours					I semester				II semester			
		Total	Lecures	Seminars	Practical classes	Students individual work				individual work				individual work
							lectures	seminars	practical classes		lectures	seminars	practical classes	
Therapeutic dentistry	10	300	30		162	108	20		72	50	10		90	58
Dental Surgery	10	300	30		162	108	20		66	50	10		96	58
Orthopedic Dentistry with Implantology	10	300	30		162	108	14		60	50	16		102	58
Pediatric Therapeutic Dentistry	7	210	20		96	94	10		48	47	10		48	47
Pediatric Dental Surgery	3	90	20		48	22	20		48	22				
Orthodontics	3	90	10		60	20	10		60	20				
Healthcare Economics	1,5	45	6		24	15					6		24	15
Emergency Medical Care	1,5	45	10		18	17					10		18	17
Clinical Immunology	1,5	45	10		18	17					10		18	17
<i>Elective Course: Basics of Aesthetic Restoration of Teeth</i>	4	120			18	102			18	102				
Practical Training	4,5	135		24		111		24		111				
Krok 2. Dentistry														
Attestation	3	90				90								90
<b>Total</b>	<b>59,0</b>	<b>1770,0</b>	<b>166,0</b>	<b>24,0</b>	<b>768,0</b>	<b>812,0</b>	<b>94,0</b>	<b>24,0</b>	<b>372,0</b>	<b>452,0</b>	<b>72,0</b>	<b>0,0</b>	<b>396,0</b>	<b>360,0</b>