

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

**Curriculum**

**Specialty 221 «Dentistry» 1-st year of study**

Academic disciplines	Number of credits	Number of academic hours					I semester						II semester					
		Number of academic hours	Lectures	Seminars	Practical classes	Students individual work				Students individual work	Forms of control					Students individual work	Forms of control	
							Including						Including					
							Lectures	Seminars	Practical classes				Lectures	Seminars	Practical classes			
Ukrainian as a foreign language	9	270			110	160			36	18		pass			74	142		pass
Latin and medica terminology	3	90			60	30			26	14		pass			34	16		/*
History of Ukraine and Ukrainian culture	3	90	20	10		60	6	6		28		pass	14	4		32		*/
Philosophy	3	90	20	20		50	20	20		50		/*						
Medical biology	5	150	36		54	60	16		22	28		pass	20		32	32	*	
Medical physics with medical informatics and biostatistics	4	120	26		64	30	16		36	15			10		28	15		*/
Medical physics	2,5	75	20		40	15	10		16	5		pass	10		24	10		*/
Medical informatics and biostatistics	1,5	45	6		24	15	6		20	10		pass			4	5		
Medical chemistry	3	90	22		30	38	22		30	38	*							
Biological and bioorganic chemistry	3	90	10		28	52							10		28	52		pass
Human anatomy	11	330	60		160	110	24		68	54		pass	36		92	56	*	
Histology, cytology and embryology	7	210	50		110	50	22		50	24		pass	28		60	26	*	

<b>Elective courses:</b>	<b>9</b>	<b>270</b>			<b>60</b>	<b>210</b>												
<b>Law</b>	<b>3</b>	<b>90</b>			<b>20</b>	<b>70</b>									<b>20</b>	<b>70</b>		<b>*/</b>
<b>Biology of individual development</b>	<b>3</b>	<b>90</b>			<b>20</b>	<b>70</b>									<b>20</b>	<b>70</b>		<b>*/</b>
<b>Applied Chemistry in Dentistry</b>	<b>3</b>	<b>90</b>			<b>20</b>	<b>70</b>									<b>20</b>	<b>70</b>		<b>*/</b>
<b>History of Medicine</b>	<b>3</b>	<b>90</b>			<b>20</b>	<b>70</b>									<b>20</b>	<b>70</b>		<b>*/</b>
<b>Academic writing</b>	<b>3</b>	<b>90</b>			<b>20</b>	<b>70</b>									<b>20</b>	<b>70</b>		<b>*/</b>
<b>Fundamentals of medical terminology</b>	<b>3</b>	<b>90</b>			<b>20</b>	<b>70</b>									<b>20</b>	<b>70</b>		<b>*/</b>
<b>Physical Education</b>		<b>160</b>		<b>30</b>		<b>130</b>		<b>14</b>		<b>60</b>		<b>pass</b>		<b>16</b>		<b>70</b>		<b>pass</b>
<b>Total</b>	<b>60</b>	<b>1960</b>	<b>244</b>	<b>60</b>	<b>676</b>	<b>980</b>	<b>126</b>	<b>40</b>	<b>268</b>	<b>329</b>		<b>0</b>	<b>118</b>	<b>20</b>	<b>408</b>	<b>651</b>		

**NOTE: To complete the curriculum, the student must choose 3 (three) elective courses (9 credits)**

**pass - ;      \*/ - credit;      /\* - differential credit;      \* - exam**

# I. HORBACHEVSKY TERNOPIL NATIONAL MEDICAL UNIVERSITY

## Curriculum

### Specialty 221 "Dentistry" 2 year of study

Academic disciplines	Credits	Academic hours					I semester						II semester					
		Total	Lectures	Seminars	Practical classes	Students individual work				Individual work	Forms of control					Individual work	Forms of control	
							Including						Including					
							Lectures	Seminars	Practical classes				Lectures	Seminars	Practical classe			
Physiology with bioethics	6	180	50	10	80	40	20		30	15			30	10	50	25		
Physiology	5	150	40		80	30	20		30	15		pass	20		50	15	*	
Bioethics	1	30	10	10		10							10	10		10		
BiologicalandBioorganicchemistry	5	150	30		80	40	14		38	18		pass	16		42	22	*	
Microbiology, VirologyandImmunology	5	150	30		70	50	30		70	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		pass
Pathological Physiology	3	90	20		40	30							20		40	30		pass
Pharmacology	3	90	20		40	30							20		40	30		pass

Propedeutics of Therapeutic Dentistry	4	120	10		70	40	4		24	15		pass	6		46	25		/*
Propedeutics of Orthopedic Dentistry	4	120	10		64	46	4		20	10			6		44	36		/*
Propedeutics of Child Therapeutic Dentistry	3	90	10		40	40	10		40	40		/*						
Premedical aid in extremal situations		50			30	20						pass			30	20		/*
Ukrainian language		40			20	20			20	20		/*						
Elective courses:	9	270			60	210												
Modern principles of root canal preparation and obturation	3	90			20	70			10	35		pass			10	35		*/
Artistic design of different groups of teeth	3	90			20	70			10	35		pass			10	35		*/
Materials Science and Dental Equipment	3	90			20	70			10	35		pass			10	35		*/
Clinical anatomy and operative surgery	3	90			20	70			10	35		pass			10	35		*/
Topical issues of surgical anatomy of the head and neck	3	90			20	70			10	35		pass			10	35		*/
Topical questions of general surgery	3	90			20	70			10	35		pass			10	35		*/
English medical terminology	3	90			20	70			10	35		pass			10	35		*/
Physical Training		160		30		130		14		60		pass		16		70		*/
Practical Training	6	180		40		140								40		140		/*
Total	60,0	1960,0	220,0	80,0	688,0	972,0	102,0	14,0	356,0	544,0			118,0	66,0	332,0	428,0		

**NOTE: To complete the curriculum, the student must choose 3 (three) elective courses (9 credits)**

**pass - ;    \*/ - credit;    /\* - differential credit;    \* - exam**

# I. HORBACHEVSKY TERNOPIL NATIONAL MEDICAL UNIVERSITY

## Curriculum

### Specialty 221 "Dentistry" 3 year of study

Academic disciplines	Credits	Academic hours					I semester						II semester					
		Total	Lectures	Seminars	Practical classes	Students individual work				Individual work	Forms of control					Individual work	Forms of control	
							Including				Including							
							Lectures	Seminars	Practical classes		Exam	Credit/diff.credit	Lectures	Seminars	Practical classe		Exam	Credit/diff.credit
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 with radiology	3	90	20		56	14												
Surgery	1,5	45	10		28	7							10		28	7		*/
Radiology	1,5	45	10		28	7	10		26	5		pass			2	2		
Social Medicine, Public Health and Basics of Evidence-Based Medicine	3	90	10		42	38	10					*/						
Forensic Medicine. Medical Law of Ukraine	3	90	16		34	40												
Forensic medicine	2	60	10		20	30							10		20	30		*/

Medical Law of Ukraine	1	30	6		14	10							6		14	10		
Prevention of Dental Diseases	4	120	10		60	50	6		30	20		pass	4		30	30		/*
Therapeutic Dentistry	7	210	30		120	60	10		42	30		pass	20		78	30	*	
Surgical Dentistry	6,5	195	20		100	75	10		40	30		pass	10		60	45	*	
Orthopedic Dentistry	6,5	195	20		100	75	10		60	45		pass	10		40	30	*	
Orthodontics	4	120	10		60	50						pass	10		60	50		pass
Elective courses:	6	180			40	140												
Basic manufacturing technology of dental prostheses	3	90			20	70			10	35		pass			10	35		/*
Professional oral hygiene. Teeth whitening	3	90			20	70			10	35		pass			10	35		/*
Rehabilitation of patients in dentistry	3	90			20	70			10	35		pass			10	35		/*
English medical terminology	3	90			20	70			10	35		pass			10	35		/*
Modern methods of endodontic treatment of complicated dental caries	3	90			20	70			10	35		pass			10	35		/*
Odontoglyphic aspects of artistic restoration	3	90			20	70			10	35		pass			10	35		/*
Side effects of drugs	2,333 3	70				70			10	35		pass			10	35		/*
Electrophysiological research methods in dentistry	3	90			20	70			10	35		pass			10	35		/*
Practical Training	5	150		30		120								30		120		/*
United State Qualification Exam 1		30				30										30		
Total	48,5	1530, 0	166, 0	30,0	772,0	852,0	86,0		380,0	358,0			90,0	30,0	392,0	494,0		

**NOTE: To complete the curriculum, the student must choose 2 (two) elective courses (6 credits)**

**pass - ;      \*/ -credit;      /\* - differential credit;      \* - exam**

## I. HORBACHEVSKY TERNOPIL NATIONAL MEDICAL UNIVERSITY

### Curriculum

**Specialty 221 "Dentistry"4 year of study**

Academic disciplines	Credits	Academic hours					I semester						II semester					
		Total	Lectures	Seminars	Practical classes	Students individual work				Individual work	Forms of control					Individual work	Forms of control	
							Including				Exam	Credit/diff.credit	Including				Exam	Credit/diff.credit
							Lectures	Seminars	Practical classes				Lectures	Seminars	Practicalclasse			
Internal Medicine with Endocrinology (including infectious diseases, epidemiology, pharmacology)	5,5	165	24		102	39												
Internal medicine	3	90	18		48	24	18		48	24	*							
Infectious diseases	1	30	6		18	6	6		18	6								
Epidemiology	0,5	15			12	3			12	3								
Clinical pharmacology	1	30			24	6			24	6								
Surgery with Oncology and Neurosurgery	4,5	135	24		66	45												
Surgery	2,5	75	16		42	17	8		18	7		pass	8		24	10	/*	
Oncology	1	30	4		12	14							4		12	14		
Neurosurgery	1	30	4		12	14							4		12	14		
General medical training	7	210	40	0	108	62												



Neurology and neurostomatology	1,5	45	6		24	15							6		24	15		/*
Psyhiatry, narcology	1,5	45	6		24	15							6		24	15		
Medical psychology	1	30	8		12	10							8		12	10		
Pediatrics	1,5	45	10		24	11							10		24	11		
Phthisiology	1,5	45	10		24	11							10		24	11		
Othorynolaryngology and Ophthalmology	3	90	12		48	30												
Othorynolaryngology	1,5	45	6		24	15							6		24	15		*/
Ophthalmology	1,5	45	6		24	15							6		24	15		
Therapeutic Dentistry	4	120	10		90	20	10		36	10		pass			54	10	*	
Surgical Dentistry	4	120	18		72	30	10		36	15		pass	8		36	15	*	
Orthopedic Dentistry	4	120	8		72	40	4		36	20		pass	4		36	20	*	
Child therapeutic dentistry	4	120	8		72	40	4		36	20		pass	4		36	20		pass
Child surgical dentistry		90	8		42	40							8		42	40		pass
Orthodontics	3	90	8		42	40	8		36	38		pass			6	2		pass
Elective cources:	12	360			80	280												
Methods of the treatment of soft tissues defects (cheeks, lower lip, nose)	3	90			20	70			10	35		pass			10	35		*/
Modern approaches to the treatment of periodontal diseases	3	90			20	70			10	35		pass			10	35		*/
Modern principles of the diagnostic process of periodontal patients	3	90			20	70			10	35		pass			10	35		*/
Pathophysiology of emergency states	3	90			20	70									20	70		*/

Modern technologies of solid-cast prosthetics	3	90			20	70			10	35		pass			10	35		*/
The basics of an anremovable orthodontics	3	90			20	70			10	35		pass			10	35		*/
Topical issues of Gynecology and Ostetrics	3	90			20	70			10	35		pass			10	35		*/
Topical issues of Dermatovenerology	3	90			20	70			10	35		pass			10	35		*/
Practical dentistry training	6	180		48		132								48		132		/*
United State Qualification Exam																		
Total	57,0	1800, 0	160 ,0	48,0	794,0	798,0	68,0		340,0	289,0			92,0		454,0	509,0		

**NOTE: To complete the curriculum, the student must choose 4 (four) elective courses (12 credits)**

**pass - ;      \*/ -credit;      /\* - differential credit;      \* - exam**

# I. HORBACHEVSKY TERNOPIL NATIONAL MEDICAL UNIVERSITY

## Curriculum

### Specialty 221 "Dentistry" 5 year of study

Academic disciplines	Credits	Academic hours					I semester						II semester					
		Total	Lectures	Seminars	Practical classes	Students individual work				Individual work	Forms of control					Individual work	Forms of control	
							Including						Including					
							Lectures	Seminars	Practical classes		Exam	Credit/diff.credit	Lectures	Seminars	Practical classe		Exam	Credit/diff.credit
Optional specializations:	30	900	70		516	314												
Therapeutic Dentistry	30	900	70		516	314												
Surgical Dentistry	30	900	70		516	314												
Orthopedic Dentistry including Implantology	30	900	70		516	314												
Child therapeutic dentistry	6	180	20		102	58	10		48	29		pass	10		54	29		/*
Child surgical dentistry	3	90	12		48	30	12		48	30		/*						
Orthodontics	3	90	10		60	20	10		60	20		/*						
Emergency and urgent medical care	3	90	6		24	60							6		24	60		*/
Elective courses:	9	270			60	210												
Practical Training	6	180		40		140		40		140		/*						

United State Qualification Exam 2																	
Atestation		90				90										90	
Total	60,0	1800,0	118,0	40,0	810,0	832,0	32,0	40,0	156,0	219,0			16,0	0,0	78,0	89,0	

pass - ;      \*/ -credit;      /\* - differential credit;      \* - exam

## I. HORBACHEVSKY TERNOPIL NATIONAL MEDICAL UNIVERSITY

### Curriculum

**Specialty 221 "Dentistry" Specialization "Therapeutic Denistry"**  
**5 yearofstudy**

Academic disciplines	Credits	Academic hours					I semester						II semester						
		Total	Lectures	Seminars	Practical classes	Students individual work				Individual work	Forms of control					Individual work	Forms of control		
							Including						Including						
							Lectures	Seminars	Practical classes		Exam	Credit/diff.credit	Lectures	Seminars	Practical classe		Exam	Credit/diff.credit	
Optional profiling - profile "Therapeutic dentistry":	30	900	60		516	324													
Therapeutic Dentistry	12	360	30		192	138	20		102	70		pass	10		90	68		/*	
Surgical Dentistry	9	270	10		162	98	10		66	30		pass			96	68			
Orthopedic Dentistry including Implantology	9	270	20		162	88	10		60	40		pass	10		102	48			
Child therapeutic dentistry	6	180	20		102	58	10		48	29		pass	10		54	29		/*	
Child surgical dentistry	3	90	12		48	30	12		48	30		/*							
Orthodontics	3	90	10		60	20	10		60	20		/*							
Emergency and urgent medical care	3	90	6		24	60							6		24	60		*/	
Elective cources spezialization “Therapeutic Dentistry”:	9	270			60	210													

Basics of aesthetic restoration of teeth	3	90			20	70			10	35		pass			10	35		*/
Modern aspects of endodontic treatment of the teeth	3	90			20	70			10	35		pass			10	35		*/
Aesthetic Dentistry – Smile Design	3	90			20	70			10	35		pass			10	35		*/
Modern aspects of diagnostics, treatment and prevention of periodontal diseases and oral mucosa	3	90			20	70			10	35		pass			10	35		*/
Modern methods and approaches to professional oral hygiene	3	90			20	70			10	35		pass			10	35		*/
Topical issues of pediatric therapeutic dentistry	3	90			20	70			10	35		pass			10	35		*/
Contemporary issues of the organization of dental care for the population	3	90			20	70			10	35		pass			10	35		*/
Practical Training 2	6	180		40		140		40		140		/*						
Atestation		90				90										90		
Total	60,0	1890,0	108,0	40,0	810,0	932,0	72,0	40,0	414,0	464,0			36,0		396,0	468,0		

**NOTE: To complete the curriculum, the student must choose 3 (three) elective courses (9 credits)**

**pass - ;    \*/ -credit;    /\* - differential credit;    \* - exam**

## I. HORBACHEVSKY TERNOPIL NATIONAL MEDICAL UNIVERSITY

### Curriculum

**Specialty 221 "Dentistry" Specialization "Surgical Denistry"  
5 year of study**

Academic disciplines	Credits	Academic hours					I semester						II semester						
		Total	Lectures	Seminars	Practical classes	Students individual work				Individual work	Forms of control					Individual work	Forms of control		
							Including				Exam	Credit/diff.credit	Including				Exam	Credit/diff.credit	
							Lectures	Seminars	Practical classes				Lectures	Seminars	Practical classe				
Optional profiling - profile "Surgical dentistry":	30	900	60		516	324													
Therapeutic Dentistry	12	360	30		192	138	20		102	70		pass	10		90	68		/*	
Surgical Dentistry	9	270	10		162	98	10		66	30		pass			96	68			
Orthopedic Dentistry including Implantology	9	270	20		162	88	10		60	40		pass	10		102	48			
Child therapeutic dentistry	6	180	20		102	58	10		48	29		pass	10		54	29		/*	
Child surgical dentistry	3	90	12		48	30	12		48	30		/*							
Orthodontics	3	90	10		60	20	10		60	20		/*							
Emergency and urgent medical care	3	90	6		24	60							6		24	60		*/	
Elective cources spezialization “Surgical Dentistry”:	9	270			60	210													

<b>Traumatology of the MFA</b>	<b>3</b>	<b>90</b>			<b>20</b>	<b>70</b>			<b>10</b>	<b>35</b>		<b>pass</b>			<b>10</b>	<b>35</b>		<b>*/</b>
<b>Surgical parodontology</b>	<b>3</b>	<b>90</b>			<b>20</b>	<b>70</b>			<b>10</b>	<b>35</b>		<b>pass</b>			<b>10</b>	<b>35</b>		<b>*/</b>
<b>Surgical stages of implantology</b>	<b>3</b>	<b>90</b>			<b>20</b>	<b>70</b>			<b>10</b>	<b>35</b>		<b>pass</b>			<b>10</b>	<b>35</b>		<b>*/</b>
<b>Elective course in the section of the disease of the TMJ</b>	<b>3</b>	<b>90</b>			<b>20</b>	<b>70</b>			<b>10</b>	<b>35</b>		<b>pass</b>			<b>10</b>	<b>35</b>		<b>*/</b>
<b>Topical issues of pediatric surgical dentistry</b>	<b>3</b>	<b>90</b>			<b>20</b>	<b>70</b>			<b>10</b>	<b>35</b>		<b>pass</b>			<b>10</b>	<b>35</b>		<b>*/</b>
<b>Contemporary issues of the organization of dental care for the population</b>	<b>3</b>	<b>90</b>			<b>20</b>	<b>70</b>			<b>10</b>	<b>35</b>		<b>pass</b>			<b>10</b>	<b>35</b>		<b>*/</b>
<b>Practical Training 2</b>	<b>6</b>	<b>180</b>		<b>40</b>		<b>140</b>		<b>40</b>		<b>140</b>		<b>/*</b>						
<b>Atestation</b>		<b>90</b>				<b>90</b>										<b>90</b>		
<b>Total</b>	<b>60,0</b>	<b>1890,0</b>	<b>108,0</b>	<b>40,0</b>	<b>810,0</b>	<b>932,0</b>	<b>72,0</b>	<b>40,0</b>	<b>408,0</b>	<b>477,0</b>			<b>36,0</b>		<b>402,0</b>	<b>455,0</b>		

**NOTE: To complete the curriculum, the student must choose 3 (three) elective courses (9 credits)**

**pass - ;      \*/ -credit;      /\* - differential credit;      \* - exam**



## I. HORBACHEVSKY TERNOPIL NATIONAL MEDICAL UNIVERSITY

### Curriculum

**Specialty 221 "Dentistry" Specialization "Orthopedic Denistry"  
5 year of study**

Academic disciplines	Credits	Academic hours					I semester						II semester						
		Total	Lectures	Seminars	Practical classes	Students individual work				Individual work	Forms of control					Individual work	Forms of control		
							Including				Exam	Credit/diff.credit	Including				Exam	Credit/diff.credit	
							Lectures	Seminars	Practical classes				Lectures	Seminars	Practicalclasse				
Optional profiling - profile "Orthopedic dentistry":	30	900	60		516	324													
Therapeutic Dentistry	12	360	30		192	138	20		102	70		pass	10		90	68		/*	
Surgical Dentistry	9	270	10		162	98	10		66	30		pass			96	68			
Orthopedic Dentistry including Implantology	9	270	20		162	88	10		60	40		pass	10		102	48			
Child therapeutic dentistry	6	180	20		102	58	10		48	29		pass	10		54	29		/*	
Child surgical dentistry	3	90	12		48	30	12		48	30		/*							
Orthodontics	3	90	10		60	20	10		60	20		/*							
Emergency and urgent medical care	3	90	6		24	60							6		24	60		*/	
Elective cources spezialization “Orthopedic Dentistry”:	9	270			60	210													

Actual issues of dental radiography	3	90			20	70			10	35		3			10	35		*/
The fundamental aspect of the orthopedic protocol of dental implantation	3	90			20	70			10	35		3			10	35		*/
Topical issues of manufacturing non-removable orthopedic structures	3	90			20	70			10	35		3			10	35		*/
Topical issues of orthodontics	3	90			20	70			10	35		3			10	35		*/
Contemporary issues of the organization of dental care for the population	3	90			20	70			10	35		3			10	35		*/
Practical Training 2	6	180		40		140		40		140		6						
Atestation		90				90										90		
Total	60,0	1890,0	108,0	40,0	810,0	932,0	72,0	40,0	426,0	467,0		60,0	36,0		3840	465,0		

**NOTE: To complete the curriculum, the student must choose 3 (three) elective courses (9 credits)**

**pass - ;      \*/ -credit;      /\* - differential credit;      \* - exam**