

**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	Including			Students individual work	Forms of control		Including			Students individual work	Forms of control	
							Lectures	Seminars	Practical classes		Exam	Credit/ diff. credit	Lectures	Seminars	Practical classes		Exam	Credit/ diff. credit
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	*	

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

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	Including			Individual work	Forms of control		Including			Individual work	Forms of control	
							Lectures	Seminars	Practical classes		Exam	Credit/diff.credit	Lectures	Seminars	Practical classe		Exam	Credit/diff.credit
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		
Biological and Bioorganic chemistry	5	150	30		80	40	14		38	18		pass	16		42	22	*	
Microbiology, Virology and Immunology	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		/*						
Premedicalaidinextremalsituations		50			30	20						pass			30	20		/*
Ukrainian language		40			20	20			20	20		/*						
Electivecourses:	9	270			60	210												
Modernprinciplesofrootcanalpreparation andobturation	3	90			20	70			10	35		pass			10	35		*/
Artisticdesigndifferentgroupsofteeth	3	90			20	70			10	35		pass			10	35		*/
MaterialsScienceandDentalEquipment	3	90			20	70			10	35		pass			10	35		*/
Clinicalanatomyandoperativesurgery	3	90			20	70			10	35		pass			10	35		*/
Topicalissuesofsurgicalanatomyofthehead andneck	3	90			20	70			10	35		pass			10	35		*/
Topicalquestionsofgeneralsurgery	3	90			20	70			10	35		pass			10	35		*/
English medical therminology	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	Including			Individual work	Forms of control		Including			Individual work	Forms of control	
							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	Including			Individual work	Forms of control		Including			Individual work	Forms of control	
							Lectures	Seminars	Practical classes		Exam	Credit/diff.credit	Lectures	Seminars	Practicalclass		Exam	Credit/diff.credit
										Exam						Credit/diff.credit		
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 removable 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	Including			Individual work	Forms of control		Including			Individual work	Forms of control	
							Lectures	Seminars	Practical classes		Exam	Credit/diff.credit	Lectures	Seminars	Practical class		Exam	Credit/diff.credit
							Lectures	Seminars	Practical classes	Exam	Credit/diff.credit	Lectures	Seminars	Practical class	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		*/
<i>Elective courses:</i>	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	Including			Individual work	Forms of control		Including			Individual work	Forms of control			
							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	Including			Individual work	Forms of control		Including			Individual work	Forms of control	
							Lectures	Seminars	Practical classes		Exam	Credit/diff.credit	Lectures	Seminars	Practical classe		Exam	Credit/diff.credit
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												

Traumatology of the MFA	3	90			20	70			10	35		pass			10	35		*/
Surgical parodontology	3	90			20	70			10	35		pass			10	35		*/
Surgical stages of implantology	3	90			20	70			10	35		pass			10	35		*/
Elective course in the section of the disease of the TMJ	3	90			20	70			10	35		pass			10	35		*/
Topical issues of pediatric surgical 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	408,0	477,0			36,0		402,0	455,0		

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 "Orthopedic Dentistry"
5 year of study

Academic disciplines	Credits	Academic hours					I semester						II semester					
		Total	Lectures	Seminars	Practical classes	Students individual work	Including			Individual work	Forms of control		Including			Individual work	Forms of control	
							Lectures	Seminars	Practical classes		Exam	Credit/diff.credit	Lectures	Seminars	Practical classe		Exam	Credit/diff.credit
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 courses 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