

## ივანე ჯავახიშვილის სახელობის თბილისის სახელმწიფო უნივერსიტეტი

მედიცინის ფაკულტეტი

"შეთანხმებულია":

ფაკულტეტის ხარისხის უზრუნველყოფის სამსახურთან

პროფ. ნ. ჩიხლაძე

თსუ ხარისხის უზრუნველყოფის სამსახურთან

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ი. გრმელიმე

ფაკულტეტის საბჭოსთან

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ფაკულტეტის საბჭოს სხდომის ოქმი №13. 29.11.2019

პროფ. დ. კორძაია -----

"დამტკიცებულია"

თსუ აკადემიურ საბჭოს მიერ

აკადემიური საბჭოს დადგენილება #



## One-cycle Educational program "Dentistry"

Program Title (in Georgian and in English)	Dentistry
Awarded qualification	Doctor of Dental Medicine (D.M.D)
Program Capacity (credit distribution):	5 years (10 Semesters) Program Capacity - 300 credits, including 8 credits from elective courses
Language	Georgian
Program Director/s and coorinator	Vladimer Margvelashvili - Doctor of Medicine, Full Professor, Department of Dentistry, Ivane Javakhishvili Tbilisi State University
Admission Criteria	
Aim of Educational Program	The aim of one step educational program of Doctor of Dental Medicine is as follows: ) Providing the students with the knowledge, relevant to the
	<ul> <li>international dental educational standards and developing appropriate skills;</li> <li>Preparing highly qualified specialists, whose professional activities will enhance the quality of dental services, prevention of dental diseases, improve the general health of the mouth and body;</li> <li>Enabling the graduate to plan and implement complex dental treatment and further monitoring of the patients.</li> <li>Developing graduates' ability of making logical analysis of the observed, heard and manifested symptoms, in order to link them further into the single pathogenetic process.</li> </ul>
Learning Outcomes Knowledge and Understanding	The stylents will be able to:
Knowledge and Onderstanding	<ol> <li>The students will be able to:         <ol> <li>Describe/identify chemical, biochemical, molecular, microbiological and histological processes in normal and pathological conditions in the human body, particularly of the mouth(head and neck region).</li> <li>Classify, describe, differentate and identify those somatic diseases, which are closely related to oral cavity diseases (stomatopathy);</li> <li>Describe and review general research methods, including biostatistic and epidemiological;</li> <li>Discuss, review and generalize health care and ethical aspects, list and formulate legal issues of patient's rights and medical practice;</li> <li>Identify/diagnose and classify of oral cavity diseases and conditions; Describe and review methods of prevention, making diagnosis and treatment, determine the possibilities of preserving the results of treatment.</li> </ol> </li> </ol>



Skills	<ul> <li>6. describe the main groups of therapeutic and preventive drugs, describe and discuss the mechanisms of actions and interactions; describe dental materials and the area of usage,</li> <li>7. Describe the methods safety management of doctor and patient;</li> <li>8. Obtain, sort and interprete the latest thematic literature, evidence based medicine (dentistry) data independently;</li> <li>9. Describe the methods of managing urgent medical conditions</li> <li>The student will gain following skills: <ol> <li>Selection, planning, analyzing and practicing methods of prevention, making diagnosis and treatment of oral diseases.</li> </ol> </li> </ul>
	Planning and organizing ensuring oral health;
	2. Effective management of the team work;
	<ol> <li>Selecting, analyzing the methods of planning, implementation and evaluation of basic and alternative public health measures for ensuring oral health;</li> </ol>
	<ol> <li>Planning, integrating and utilizing data synthesis, diagnostics and treatment methods in cases of complicated clinical situations and special need conditions based on the latest data;</li> </ol>
	<ol> <li>Presenting, defending and agreing ideas and consempts, proposals, solutions, conclusions and recommendations in oral, in written or online in academic, professional circles, and with a patient or people accompaning the patient in native and English languages.</li> <li>Reviewing, evaluating, planning scientific literature and research projects</li> </ol>
Responsibility and Autonomy	Students will be able to:
	<ol> <li>Protect own ethical and legal norms in interpersonal relationships based on social, religious equality and democratic values;</li> <li>The protection of patient's rights and requirements of the professional ethics;</li> </ol>
Teaching Methods	Explanation method
	Demonstration method
	Case Study
	Problem based learning (PBL)
	Lecture
	Brain Storming
	Analysis (Differentiation: Norm, Pathology)
	Team working
	Oral interview
	Discussion method
	Literature processing method
	Tests
L	



	Closed-ended question
	Open Question / Theoretical Issue / Topic
	Abstract
	Presentation (increasing complexity, even in a small scale, research)
	Work on dental phantoms
	Role-playing games
	Clinical Practice (under the supervision of a lecturer)
Assessment System	<ul> <li>(A) Excellent - 91-100 points from total score;</li> <li>(B) Very good-81-90 points from total score;</li> <li>(C) Good - 71-80 points from total score;</li> </ul>
	<ul> <li>(D) Satisfactory - 61-70 points from total score;</li> <li>(E) Sufficient - 51-60 points from total score;</li> <li>Two types of negative assessment:</li> </ul>
	<ul> <li>(FX) Insufficient- 41-50 points from total score, meaning that student failed, needs to work more for passing the exam and has been granted the right to retake the exam once;</li> <li>(F) Failed -40 and less points from total score meaning that the work performed by the students is not enough and he/she has to take the course again.</li> <li>In case of receiving FX points in the educational component of the program, the higher education institution has to appoint an additional exam not less than 5 days from the announcement of the results of final.</li> </ul>
Employment Fields	One-year medical education program graduate – Doctor of Dental Medicine does not have the right of independent medical practice independently upon the legislation in force –is to be deleted.
	<pre>Employment fields include practice – Junior Doctor (junior doctor – a position that may be occupied by a graduate with a diploma of a state-accredited higher medical institution. A person appointed to his position shall perform the duties of a doctor according to the instructions and under the responsibility of an independent medical practitioner (Law of Georgia on Medical Practice, Article 5));</pre>
	) Prerequisite for applying for the residence
Tuition Fees for Georgian and Foreign Students	
Foreign Students Human and Material Resources	The academic and invited personnel involved in the implementation of the program (If required,
Needed to Program Implement	appropriate material resources, such as laboratories, computer classes, etc.)) shall be specified.
Additional Information	
(If Necessary)	



## **Curriculum**<sup>1</sup>

Faculty: Medicine

Institute/Department/ Chair/Direction: Dentistry

Title of the Educational Program:dentistry/ Dentistry

Educational Level: One step educational program

Program Capacity (Number of Credits): 300

Director/s and Coordinator of the Educational Program: Professor Vladimer margvelashvili

Date of Approval of the Educational Program by Academic Council, Resolution Number:

Effective Date of the Educational Program (Academic Year):

## Structure of the Program

	Type of educational courses/modules: Facultative / Obligatory/ Selective																		
Ν		Title of the Course	ECTS	5	Student load per hour Pr			Prerequi											Lecturer/
								site for	I	Ι	III	Ι	v	v	v	VI	Ι	Х	S
								admissio		Ι		v		Ι	I I	Π	х		
								n to the							1				
	Code			Lecture	Seminar	Practicum / Laboratory activities		course											
1		General aspects of build-up and functioning of an organism	9	3 0	68	10		-	X										Kordzaia Dimitri, Dzidzigur i Diana, Doreuli Nanuli, Bakuradz e Ekaterine
2		Medical physics and biophysics	3	1 2	18	6		-	x										Mdzinara shvili Tamaz
3		Information Technologies	2		24			-	X										მაია არჩუაძე,

<sup>&</sup>lt;sup>1</sup> Curriculum may be submitted in accordance to I, II or III options of the program structure, considering the peculiarities of the educational program and/or the level of education



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													ხაჩიძე,
4	Foreign Language I	5			75	-	X						- 0,
5	0 0 0		2	40		-	x						
	General Biochemistry	5	0										
			1	14		_	x						
		2	0										
6	Basics of genetics	2	5		25	_	X						
7	Reseach skills 1	2	6		24		X						
8	Clinical skills and		4	28	44	_	x						
0	communication	15	6	20			^						
9	communication		2	20	4	General							
9			4	20	4			x					
			4			aspects							
						of							
						build-							
		2				up and							
		3				functio							
						ning of							
						an							
						organis							
10	Body Systems		-	<b>.</b>		m							
10	36. 1. 1	3	1	24		-		X					
	Microbiology, Virology	_	2										
11		2	1	12		-		X					
	basis of immunology	-	2										
12					75	-		х					Margvel
													ashvili
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		5											r,
													Margvel
	Introduction to												ashvili
	Dentistry												Ana
13			1	14		Foreign		X					
		2	0			Languag							
	Foreign Language II					e I							
14	Molecular biology	2	3	21		-		x					
15						Body			x				
	Healthcare promotion	3				systems							
16			4		80	Body	1		x				
	Pathology	10	0			systems							
17	Therapeutic dentistry I		1		34	Body	+		x			+	
1/	rinerapeutie uellusti y I	4	4		FU				•				
18	Surgical dontistry I		4		34	systems	+			-			
10	Surgical dentistry I	4			34	Body			x				
10			2		20	systems		-		_	$\left  \right $	 +	N/ 1
19		2	6		30	Body			x				Margvel
	Prosthetic dentistry I	3				systems							ashvili
													Vladime



											r, Puturidz e Sopio
20	Prevention of dental diseases I	3	1 2	24		-	x				
21	Dental material science	3	1 0		35	-		x			
22	Clinical skills and first aid	2	3	21		Clinical skills and commun ication		x			
23	Medical ethics	3	1 5		26	-		x			
24	Environmental health	4	1 2		26	-		x			
25	Therapeutic dentistry II	4	1 4		34	Therape utic dentistry I		x			
26	Surgical dentistry II	4	1 2		34	Surgical dentistry I		x			
27	Orthopedic dentistry II	3	6		30			x			Margvel ashvili Vladime r, Puturidz e Sopio
28	Prevention of dental disease II	2	5		25	-		x			
29	Reseach skills II	3	6	24		Reseach skills I		x			
30	Internal diseases1	2	6		30	Body systems			x		
31	General radiology	3	6	24		Body systems			х		
32	Medical psychology and psychiatry	4	1 5	25		Body systems			х		
33	Pharmacology	4	1 0		28	-			x		
34	Therapeutic dentistryIII	4	8		32	Therape utic dentistry II			x		
35	Surgical dentistry III	4	1		28	Surgical			x		



			0			dentistry II				
36	Prosthetic dentistry III	4	8		32		x			Margvel ashvili Vladime r, Puturidz e Sopio
37	Pediatric Dentistry	3	1 2	24			x			
38	Epidemiology and biostatics	4	1 0		30	-	:	x		
39	Internal diseases2	4	1 2		24	Body systems	:	x		
40	Therapeutic dentistry IV	4	8		32	Therape utic dentistry III	:	x		
41	Surgical dentistry IV	4	1 2		26	Surgical dentistry III	:	x		
42	Prosthetic dentistry IV	4	6		34		:	x		
43	Pediatric dentistry I	2	8		8		:	x		
44	Radiology in dentistry	3	1 4	14		General radiolog y	:	x		
45	Public Healthcare	2	8		10	Body systems	:	x		
46	Pediatrics	2	4	1	15	Body systems		3	C C	
47	Neurology	2	5		13	Body systems		2	K	
48	Ophthalmology	2	5		13	Body systems		2	C	
49	Otorhinolaryngology	2	7	13		Body systems		2	C	
50	Oncology	4	1 2	24				2	K	
51	Therapeutic dentistry V	4	1 2		26	Therape utic dentistry IV		3	K	
52	Prosthetic dentistry V	4	6		34	Prostheti c dentistry IV		3	K	



53			6	34	Pediatric		x		
55	Pediatric dentistry III	4	0	54	Dentistr		<b>~</b>		
	rediatife dentistry in	т			y II				
54	Orthodontics I	4	6	34			x		
55		7	1	18					
55	Surgical doptietry V	3	0	10	Surgical		ĸ		
	Surgical dentistry V	3	U		dentistry IV				
<b>F</b> (			1	00			37		
56	Geriatric dentistry	3	1	22	-		x		
			1						
57	Special needs dentistry	2	6 14		Body		x		
			_	24	systems				
58	Infectious diseases	4	1	24	Body		X		
			2		systems				
59	Therapeutic dentistry		7	23	Therape		Х		
	VI	3			utic				
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60			1	26	Surgical		Х		
	Surgical dentistry VI	4	2		dentistry				
					V				
61			4	26	Prostheti		X		
	Prosthetic dentistry VI	3			с				
	Trostnetic dentistry VI	5			dentistry				
					V				
62			6	34	Pediatric		X		
	Pediatric Dentistry IV	4			Dentistr				
					y III				
63	Orthodontics II	2	6	14	-		X		
64	Pediatric dental	0	3	17	-		X		
	surgery1	2							
65			1	30	Body		X		
	Research skills 3	4	0		systems				
66			6	24	Body			X	
	Surgery	2	-		systems				
67			9	36	Body			X	
	Dermatology	3	-		systems				
68	Anesthesiology and		1	26	-			X	
	reanimatology	4	2						
69			1	30	Therape			X	
07	Therapeutic dentistry		0	50	utic				
	VII	4	U		dentistry				
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70			1	74				v	
70			1	26	Surgical			x	
	Surgical dentistry VII	4	2		dentistry				
					VI				
71	Prosthetic dentistry VII	3	4	26	Prostheti			X	
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72			6		34	Pediatr							х		
	Pediatric dentistry V	4				Dentist	r								
73			6		14	y IV Orthod	_						х		
75	Orthodontics III	2	0		14	ntics II	5						Λ		
74	Dental surgery of children 2	3	4		26								x		
75	Allergy and		2		45									х	
	immunology	5			15										
76			1		30	Therap	2							Х	
	Therapeutic dentistry	4	0			utic									
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79			6		34	Pediatr	C							Х	
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80	Orthodontics IV	2	6		14									х	
81	Pediatric dental	2	4		26				1		1				
	surgery3	2													
82	Research skills 4	3	1 0	20		-			x					X	
83		-	1	20		-		x							
	Profesional diseases	3	0												
84	Rational use of drugs	2	4	14		-			х						
85	History of medicine	2	4	14		-			x						
86	Basics of healthcare services	2	4	14		-				x					
87	Medical Law	2	4	14		-				x					
88	Nutrition	2	4	14		-					x				
89	Medical nanotechnologies	2	4	14		-					x				
90	Prevention of traumatism	2	4	14		-								x	
91	Pain management and barriers of use opoids	9	3 0	68	10	-								x	



პროგრამისხელმძღვანელის /	ხელმძღვანელების /	კოორდინატორის	ხელმოწერა ————	-

ფაკულტეტის ხარისხის უზრუნველყოფის სამსახურის უფროსის ხელმოწერა —————

ფაკულტეტის სასწავლო პროცესის მართვის სამსახურის უფროსის ხელმოწერა ———————

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თარიღი ———— ბეჭედი

ფაკულტეტის

Ivane Javakhishvili Tbilisi State University