

ივანე ჯავახიშვილის სახელობის თბილისის სახელმწიფო უნივერსიტეტი მედიცინის ფაკულტეტი

`შეთანხმებულია~:
ფაკულტეტის ხარისხის უზრუნველყოფის სამსახურთან
პროფ. ნ. ჩიხლაძე
თსუ ხარისხის უზრუნველყოფის სამსახურთან
ი. გრძელიძე
ფაკულტეტის საბჭოსთან
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	Dentistry
(in Georgian and in English)	•
Awarded qualification	Doctor of Dental Medicine (D.M.D)
Program Capacity (credit distribution):	5 years (10 Semesters)
,	Program Capacity - 300 credits, including 11 credits from elective
	courses
Tanguaga	D 1:1
Language Director/s and secrimeter	English
Program Director/s and coorinator	Vladimer Margvelashvili - Doctor of Medicine, Full Professor, Department of Dentistry, Ivane Javakhishvili Tbilisi State University
Admission Criteria	An individual with full general education or equivalent, who has a corresponding state-approved document (certificate) and has earned the right to study on the program based on the results of the Unified National Exams is enrolled at the one-step program "medicine". The list of the subjects to be passed is regulated by the order №178/n of the Minister of Education, Science, Culture and Sport of Georgia, dated by August 27, 2019. The competence limit is established by the faculty. Admission to the program without passing the Unified National Exams is allowed by the order N. 224/n of the Minister of Education, Science, Culture and Sport of Georgia: a) Foreign nationals and stateless persons who have received full general education or equivalent in a foreign country; b) Citizens of Georgia who have received full general education or equivalent in a foreign country and have spent the last 2 years of full general education in a foreign country; c) For foreign nationals (except students of the Joint Higher Education Program and exchange students) who are/were studying and have received credits/qualifications at a higher education institution recognized in accordance with the legislation of that country; d) Citizens of Georgia (except students participating in the Joint Higher Education Program and exchange students) who have been/had been living and studying and have obtained credits/qualifications at a higher education institution in the foreign country, recognized in accordance with the legislation of that country. In order to be able to study at the educational program for Medical Doctors in English language, a person, who has not passed the Unified National Exams has to prove proficiency in English at least B2 level and undergo a general interview in accordance to the order N90/n of the
	Minister of Education, Science, Culture and Sport of Georgia, dated by 2018.
Aim of Educational Dec	
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 intermetional dental advectional standards and developing.
	international dental educational standards and developing



appro	priate	S	k	ill	s;	
_		-		_	_	

- 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;
- Enabling the graduate to plan and implement complex dental treatment and further monitoring of the patients.
- 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.

Learning Outcomes

Knowledge and Understanding

The students will be able to:

- 1. 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).
- 2. Classify, describe, differentate and identify those somatic diseases, which are closely related to oral cavity diseases (stomatopathy);
- 3. Describe and review general research methods, including biostatistic and epidemiological;
- 4. Discuss, review and generalize health care and ethical aspects, list and formulate legal issues of patient's rights and medical practice;
- 5. 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.
- 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,
- 7. Describe the methods safety management of doctor and patient;
- 8. Obtain, sort and interprete the latest thematic literature, evidence based medicine (dentistry) data independently;
- 9. Describe the methods of managing urgent medical conditions

Skills

The student will gain following skills:

- 1. Selection, planning, analyzing and practicing methods of prevention, making diagnosis and treatment of oral diseases. Planning and organizing ensuring oral health;
- 2. Effective management of the team work;
- 3. Selecting, analyzing the methods of planning, implementation and evaluation of basic and alternative public health measures for ensuring oral health;
- 4. 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;



Employment Fields	One-year medical education program graduate – Doctor of
	for passing the exam and has been granted the right to retake the exam once; (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. 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.
	(D) Satisfactory - 61-70 points from total score; (E) Sufficient - 51-60 points from total score; Two types of negative assessment: (FX) Insufficient- 41-50 points from total score, meaning that student failed, needs to work more
Assessment System	 (A) Excellent - 91-100 points from total score; (B) Very good - 81-90 points from total score; (C) Good - 71-80 points from total score;
A C	Clinical Practice (under the supervision of a lecturer)
	Role-playing games
	Work on dental phantoms
	research)
	Presentation (increasing complexity, even in a small scale,
	Abstract
	Open Question / Theoretical Issue / Topic
	Closed-ended question
	Tests
	Literature processing method
	Discussion method
	Team working Oral interview
	Analysis (Differentiation: Norm, Pathology)
	Brain Storming Analysis (Differentiation, Norm, Pathology)
	Lecture
	Problem based learning (PBL)
	Case Study
	Demonstration method
Teaching Methods	Explanation method
	professional ethics;
	2. The protection of patient's rights and requirements of the
	values;
	1. Protect own ethical and legal norms in interpersonal relationships based on social, religious equality and democratic
Responsibility and Autonomy	Students will be able to:
	6. Reviewing, evaluating, planning scientific literature and research projects
	English languages.
	in written or online in academic, professional circles, and with a patient or people accompaning the patient in native and
	proposals, solutions, conclusions and recommendations in oral,
	5. Presenting, defending and agreing ideas and consempts,



	Dental Medicine does not have the right of independent medical practice independently upon the legislation in force —is to be deleted.
	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)); • Practice – Junior Doctor • Pedagogical and scientific work • Working in theoretical medicine • Prerequisite for applying for the doctorate • Prerequisite for applying for the residence
Tuition Fees for Georgian and	7000 \$
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)	



Curriculum¹

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

	Tvp	e of edu	cation	nal co	urses/n	nodules: F	'acultative /	Oblig	gato	ry/ Se	elec	tive						
N	Title of the Course	ECTS				er hour	Prerequi		,	,		Terr	n					Lecturer/s
							site for admissio n to the	I	I	III	I V	V	V I	V I I	VI II	I X	X	
	Code		Lecture	Seminar	Practicum / Laboratory activities		course											
1	General Basis of Build- up and Functioning of an Organism	9	30	68	10		-	X										Kordzaia Dimitri, Doreuli Nanuli, Bakuradze Ekaterine,I nauri nino,Modeb adze irina,Alania magda,Chk hartishvili Butsiko.
2	Medical physics and	3	12	18	6		-	X										Mdzinarash

 $^{^1}$ 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



	hiombassics										vili Tamaz,
	biophysics										Mdzinarash
											vili Mariam
3				24		_	X				Maia
3				24		_	Α.				Archuadze,
											Manana
											Khachidze,
		2									Magda
											Tsintsadze,
	Information										Georgi
	Technologies										Sturua
4	recimologies				60	_	X				Mariam
4					60	_	^				Manjgaladz
		5									e, Merab
)									Babukhadia
	Georgian Language I										Dabukiladia
5	Georgian Language 1		20	40		_	X				Elene
	General Biochemistry	5	20	40		_	^				Davitashvili
6	General Biochemistry		10	14		_	X				Teimuraz
•			10	14			Λ.				Lezhava,
		2									Gaiozishvili
	Basics of genetics										Maia
7	Dustes of generies		4		20	_	Х				Sharashidze
'			-		20		, A.				Nino,
											Agladze
		2									Nino,
											Botchorishv
	Research skills I										ili Inga
8			6		24	_	x				Sharashidze
											Nino,
	Clinical skills and	2									Botchorishv
	communication										ili Inga
9			46	28	44	General		x			Kordzaia
						Basis of					Dimitri,
						Build-					Doreuli
											Nanuli,
						up and					Bakuradze
						Functio					Ekaterine,I
						ning of					nauri
						an					nino,Modeb
											adze
						Organis					irina,Alania
		15				m					magda,Chk
						I					hartishvili
											Butsiko,
											Cherkezia
											Elene,Chac
											hua
	General Basis of Build-										Matrona,Bu
	I										rjanadze
	up and Functioning of										George,Dac
	an Organism II										hanidze Natalia
1											



10			24	20	4	_	7	K		Nino
					•		1			Porakishvi
		4								li, Tamar
										Tsertsvadz
	Microbiology, Virology							_		e
11			12	12		-	7	K		Nino
										Porakishvi li,Nunu
		2								Mitskevic
		-								h,Tamar
										Tsertsvadz
	Basics of immunology									e
12			12	12		-	3	τ		Margvelas
										hvili
		2								Vladimer,
	Introduction to									Margvelas hvili Ana
13	Dentistry				60	Georgian	3	K		Mariam
10						Languag		1		Manjgalad
		5				e I				ze, Merab
										Babukhadi
14	Georgian Language II		10	1.4				_		a. Maia
14			10	14		-	X	^K		Zibzibadze
		2								,Liana
		-								Ramishvili
	Molecular biology									
15			3	21		-		x		Chikhladz
										e e
		2								Nino,Pitsk helauri
		2								Nato,Jorbe
										nadze
	Health promotion									Maka
16	-		40		80	General		х		Khvichia
						Basis of				Nino,Jikia
						Build-up				Irma,
		10				and				
		10				Function				
						ing of an Organis				
						m				
	Pathology					II				
17			12		28	General		x		Kiguradze
						Basis of				-
	m	4				Build-up				Gogilashvi
	Therapeutic dentistry I					and				li Ketevan,
						Function				Manjavidz



			10			ing of an Organis m II					e Natalia
18	Surgical dentistry I	4	10		30	General Basis of Build-up and Function ing of an Organis m II	х				Nemsadze Tamar Zurmukht ashvili Mariam,M akhviladze Galaktion, Machavari ani Avto
19	Prosthetic dentistry I	4	10		30	General Basis of Build-up and Function ing of an Organis m II	x				Margvelas hvili Vladimer, Puturidze Sopio
20	Prevention of dental diseases I	3	6		24	General Basis of Build-up and Function ing of an Organis m II	х				Ivanishvili Rusudan,S harasheni dze Nino,Shar ashenidze Megi
21	Dental material science	3	12	24		-		х			Margvelas hvili Vladimer.
22	Clinical skills and first	3	10		35	Clinical skills and commun ication		x			Sharashidz e Nino,
23	Medical ethics	2	3	21		-		x			Chikhladz e Nino,Jorbe nadze Maka,Pits khelauri Nato



24		1	11		DE				D- 1::
24			11		25	-	X		Dadiani Ketevan,T
		3							amar
									Naroushvi
	Environmental health								li
25			12		28	Therape	x		Kiguradze
						utic			-
						dentistry			Gogilashvi
		4				I			li Ketevan,
	Therapeutic dentistry II								Manjavidz
									e Natalia
26			10		30	Surgical	x		Nemsadze
						dentistry			Tamar
						I			Zurmukht
									ashvili
		4							Mariam,M
									akhviladze
									Galaktion,
									Machavari
	Surgical dentistry II								ani Avto
27			10		30	Prostheti	x		Margvelas
						С			hvili
		4				dentistry			Vladimer,
						I			Puturidze
	Prosthetic dentistry II								Sopio
28			6		24	Preventi	X		Ivanishvili
						on of			Rusudan,S
		2				dental			harasheni
		3				disease I			dze Nino,Shar
	Prevention of dental								ashenidze
	disease II								Megi
29	discase ii		3		21	Researc	x		Sharashidz
						h Skills	^		e Nino,
		2				I			Botchorishv
	Reseach skills II					_			ili Inga
30			6	24		General	х		Bitskinashv
						Basis of			ili
						Build-up			Maia,Goder
						and			dzishvili
	Internal diseases I	3				Function			Liza,Kapana dze
						ing of an			Keteveni
						Organis			ACCC (CIII
						m			
						II			
31			6		14	General	х	:	Sophio
	General radiology	2				Basis of			Kakhadze,
	55115121112110106)	-				Build-up			Valeri
									Abuladze,



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						and			Merab Beraia
						Function			Delala
						ing of an			
						Organis			
						m			
				24		II			01 11 1 1
32			9	21		General	X		Okribelashv ili
						Basis of			Nino,Zurab
						Build-up			ashvili
	Medical psychology and					and			Daviti
	psychiatry	3				Function			
						ing of an			
						Organis			
						m			
			1.0			II			
33			18	30		General	x		Tamar
						Basis of			Kezeli, Medea
						Build-up			Kopaliani,
						and			Mariam
	Pharmacology	4				Function			Chipashvili
						ing of an			1
						Organis			
						m			
						II			
34			10		30	Therape	x		Kiguradze
	Therapeutic dentistry					utic			-
	III	4				dentistry			Gogilashvi
		1				II			li Ketevan,
									Manjavidz
									e Natalia
35			8		32	Surgical	x		Nemsadze
						dentistry			Tamar
						II			Zurmukht
	Surgical dentistry III	4							ashvili
									Mariam,M
									akhviladze
				1					Galaktion
36			10		30	Prostheti	x		Margvelas
						c			hvili
	Prosthetic dentistry III	4				dentistry			Vladimer,
						II			Puturidze
									Sopio
37			8		32		x		Rusudan
	Thomas out - 1								Ivanishvili,
	Therapeutic dentistry								Nino
	of children and	4							Sharashenid
	adolescents I								ze, Megi Sharashenid
				1					ze,



								Japaridze Nino
38	Epidemiology and biostatistics	3	12	24		Microbio logy, virology	x	Paata Imnadze, Ekaterine Ruadze, Sophio Datukishvi li
39	Internal diseases II	4	13		27	Internal diseases I	x	Bitskinashv ili Maia,Goder dzishvili Liza,Kapana dze Ketevan,
40	Therapeutic dentistry IV	4	12		28	Therape utic dentistry III	x	Kiguradze - Gogilashvi li Ketevan, Manjavidz e Natalia
41	Surgical dentistry IV	4	8		32	Surgical dentistry III	x	Nemsadze Tamar Zurmukht ashvili Mariam,M akhviladze Galaktion
42	Prosthetic dentistry IV	4	12		28	Prostheti c dentistry III	x	Margvelas hvili Vladimer, Puturidze Sopio
43	Therapeutic dentistry of children and adolescents II	4	6		34	Therape utic dentistr y of children and adolesce nts I	x	Rusudan Ivanishvili, Nino Sharashenid ze, Megi Sharashenid ze
44	Radiology in dentistry	2	8		12	General radiolog y	x	Alkhanish vili Zurab
45	Public Healthcare	3	14	16		-	x	Nata Kazakhash vili. Lasha



								Loria
46	Pediatrics	2	8		12	Internal diseases II, Pharmac ology	x	Karseladze Rusudan,Ba rabadze Keteven
47	Neurology	2	4	1	15	General Basis of Build-up and Function ing of an Organis m II	X	Darejan Gugutsidze, David Gigineishvil i
48	Ophthalmology	2	5		15	General Basis of Build-up and Function ing of an Organis m II, pharmac ology	X	Mikheil Omiadze, Nikoloz Antelava
49	Otorhinolaryngology	2	5		15	General Basis of Build-up and Function ing of an Organis m II	X	Merab Khvadagian i,Nana Saralidze
50	Oncology	2	7	13		Radiolog y in dentistry , pharmac ology	X	Tamari Rukhadze, Irine Gagua
51	Therapeutic dentistry V	4	12		28	Therape utic dentistry IV	X	Kiguradze - Gogilashvi li Ketevan, Manjavidz e Natalia



52			12		28	Prostheti			X		Margvelas
<i>J</i> 2			12		20	C			^		hvili
	Prosthetic dentistry V	4				dentistry					Vladimer,
						IV					Puturidze
											Sopio
53			6		34	Therape			X		Ivanishvili
						utic					Rusudan,
	Therapeutic dentistry					dentistr					Nino Sharashenid
	of children and	4				y of					ze, Megi
	adolescents dentistry	7				children					Sharashenid
	III					and					ze
						adolesce					
						nts II					
54			4		36	Therape			X		Darjania
						utic					Otar,Golo
						dentistr					vachova
	Orthodontics I	4				y of					elene
	Orthodontics 1	1				children					
						and					
						adolesce					
						nts II					
55			10		30	Surgical			x		Nemsadze
						dentistry					Tamar
	Surgical dentistry V	4				IV					Zurmukht ashvili
	Surgical delitistry v	4									Mariam,M
											akhviladze
											Galaktion
56			10		20	-				Х	Margvelas
											hvili
	Geriatric dentistry	3									Vladimer,
											Puturidze
			10		20			\perp			Sopio
57			10		20	Therape				X	Kiguradze- Gogilashvili
	Special needs dentistry	3				utic dentistry					Ketevan,
						II					Alkhanishv
								\perp			ili Zurab
58			6	14		Internal				X	Tengiz Tsertsvadze
						diseases					Lali
						I, Microbio					Sharvadze,
	Infectious diseases	2				logy,					Akaki
						virology;					Abutidze,B
						pharmac					olokadze Natalia
						ology					ı valdiid
59	Therapeutic dentistry	4	12		28	Therape				X	Kiguradze-



	371	Ι		1 1			Gogilashvili
	VI				utic		Ketevan,
					dentistry		Manjavidze
					V		Natalia
60			7	23	Surgical	X	Nemsadze
					dentistry		Tamar
					V		Zurmukht
	Surgical dentistry VI	3					ashvili
	Surgious desiratory vi						Mariam,M
							akhviladze
							Galaktion
61			12	28	Prostheti	X	Margvelas
01			1-		C		hvili
	Prosthetic dentistry VI	4			dentistry		Vladimer,
	1 Tostrictic delitistry VI	1			V		Puturidze
							Sopio
62			4	26	Therapa	X	Ivanishvili
02			1	20	Therape	^	Rusudan,
					utic		Nino
	Therapeutic dentistry				dentistr		Sharashenid
	of children and	3			y of		ze, Megi
	adolescents IV				children		Sharashenid
	adolescents IV				and		ze
					adolesce		
					nts III		
63			4	36	Orthodo	X	Darjania
			-		ntics I		Otar,Golo
	Orthodontics II	4					vachova
							Elene
64			6	14	Therape	X	Ivanishvili
					utic		Rusudan,
					dentistr		Nemsadze
	D 1: 1						Tamar
	Pediatric dental surgery	2			y of		
	I				children		
					and		
					adolesce		
					nts III		
65			3	27	Researc	X	Sharashidz
	Research skills III	2			h Skills		e Nino,
	ACSCAICH SKIIIS III	_			II		Botchorishv
							ili Inga
66			10	30	General		X Gia
					Basis of		Lobjanidze
					Build-up		Vakhtang Goderdzisvi
	Surgery	4			and		li
					Function		
					ing of an		
1					Organis		



					m		
67	Dermato-venerology	2	6	14	General Basis of Build-up and Function ing of an Organis m II	X	Giorgi Galdava, Tina Kituashvili, Tamar Darjania
68	Anesthesiology and reanimatology	3	9	21	General Basis of Build-up and Function ing of an Organis m II	X	Mamuka Chkhaidze
69	Therapeutic dentistry VII	4	12	28	Therape utic dentistry VI	X	Kiguradze - Gogilashvi li Ketevan, Manjavidz e Natalia
70	Surgical dentistry VII	4	10	30	Surgical dentistry VI	X	Nemsadze Tamar Zurmukht ashvili Mariam,M akhviladze Galaktion, Machavari ani Avto
71	Prosthetic dentistry VII	4	12	28	Prostheti c dentistry VI	X	Margvelas hvili Vladimer, Puturidze Sopio
72	Therapeutic dentistry of children and adolescents V	3	6	24	Therape utic dentistr y of children and adolesce	X	Ivanishvili Rusudan, Nino Sharashenid ze, Megi Sharashenid ze



					nts IV			
73	Orthodontics III	4	4	36	Orthodo ntics II	X		Darjania Otar,Golo vachova Elene
74	Pediatric dental surgery II	2	6	14	Pediatric dental surgery I	x		Ivanishvili Rusudan, Nemsadze Tamar
75	Allergology and immunology	3	13	17	Internal diseases II, Microbio logy, virology, pharmac ology; Basics of immunol ogy		X	Rusudan Karseladze
76	Therapeutic dentistry VIII	5	2	48	Therape utic dentistry VII		X	Kiguradze - Gogilashvi li Ketevan, Manjavidz e Natalia
77	Surgical dentistry VIII	4	10	30	Surgical dentistry VII		X	Nemsadze Tamar Zurmukht ashvili Mariam,M akhviladze Galaktion, Machavari ani Avto
78	Prosthetic dentistry VIII	4	12	28	Prostheti c dentistry VII		X	
79	Therapeutic dentistry of children and adolescents VI	4	8	32	Therape utic dentistr y of children and adolesce		X	



						nts V							
80	Orthodontics IV	4	4		36	Orthodo ntics III						x	Darjania Otar,Golo vachova Elene
81	Pediatric dental surgery III	2	6		14	Pediatric dental surgery II						x	Ivanishvili Rusudan, Nemsadze Tamar
82	Research skills IV	2	4		26	Researc h Skills III						X	Sharashidz e Nino, Botchorishv ili Inga
83	Management of type 2 diabetesw mellitus	3	10	26		-	x						Maia Bitskinash vili
84	clinical genetics in primary physicians practice	3	10	26		Basics of genetics	х						Chipashvil i Mariam
85	Medical Law	2	6	18		-		х					Popiashvil i Nikolozi
86	Medical terminology	2	8	16		-		х					Sherazadis hvili khatia
87	Essentials and principles of healthcare quality (introduction course)	2	6	18		-			x				Sturua Lela
88	Rational prescribing	2	8	16		Pharmac ology			x				Kezeli T. Chipashvil i Mariam
89	Sports nutrition and legislation	2	6	18		-				x			Chachibai a Tamar
90	Medical nanotechnologies	2	6	18		-				x			Chachibai a Tamar
91	Injury Prevention	2	3	21		-						х	Chikhladz e Nino, Lobjanidze George
92	Epidemiological Research Methods	2	8	16		Microbi ology, virology						x	Imnadze Paata, Ruadze Ekaterine, Datukishvi li Sophio



პროგრამისხელმძღვანელის / ხელმძღვანელების / კოორდინატორის ხელმოწერა — ————	
ფაკულტეტის ხარისხის უზრუნველყოფის სამსახურის უფროსის ხელმოწერა —— ——————————————————————————————————	
ფაკულტეტის სასწავლო პროცესის მართვის სამსახურის უფროსის ხელმოწერა —— ————	
ფაკულტეტის დეკანის ხელმოწერა ————————————————————————————————————	
უნივერსიტეტის ხარისხის უზრუნველყოფის სამსახურის უფროსის ხელმოწერა —	
თარიღი — ზეჭედი	ფაკულტეტის