



The University Of Georgia

Program name: Dentistry 2016

Study Level: Single-Cycle Degree Program

Program leader: Mariam Malament
Elene Gigineishvili

Study language: English

Qualification: Doctor of Dental Medicine

Program capacity: 300

For a foreign citizen:

- An internationally recognized certificate confirming at least a B1 level of English proficiency (e.g., IELTS, TOEFL, Cambridge English, UNlcert®, EnglishScore).
- Alternatively, a relevant document (such as a diploma or certificate) confirming that the applicant received education in English.

For a citizen of Georgia:

Program permission:

- The applicant must have received full general education or its equivalent in a foreign country in English.
- The applicant must have studied in a foreign country during the last two years of their full general education and must present a relevant document (e.g., diploma, certificate).

Or:

- A confirmation of the aforementioned level of knowledge of English by the higher educational institution, as a result of an exam organized by the institution itself. This exam should include listening, comprehension and analysis of the read text, and speaking, to determine the level of English language proficiency. Admission exam/interview in Biology-Chemistry-Physics (Basic Issues);

Program goals:

The goal of the program is to coach qualified dentists, whose professional activities will help to increase the level of dental services, prevent oral diseases and improve overall health. The graduate of this program will have basic knowledge of oral health care medicine (clinical and natural sciences) and deep knowledge of dental specializations. One will also assimilate dental clinical skills considering professional ethical values. Additionally, the graduate will also have skills of learning and teaching, professional growth-development, research and analysis, decision-making, which allows him to logically analyze identified symptoms and see the connection between common pathogenetic process, reasonably set and implement comprehensive treatment plan, pursue patient's management, have basic manual skills that ensures both prophylactic and therapeutic activities. After the course completion the graduates will have the right to hold the positions according to the Georgian legislation in dental clinics (junior dentist, dental assistant – Order of the Minister of Labour, Health and Social Affairs ? 01-11 / N 2012, March 14), health care organizations and health insurance providing companies (relations with medical and dental institutions, with the focus on the dental services and dental management of insured people, assistant of the family doctor). Also prepare the student for specialization (residency programs) and the next levels of learning (Master and Doctoral programs). Also hold the positions according to the legislation of various countries.

Methods for Attaining Learning Outcomes:

- Lecture-seminar;
- The method of working on the book;
- Explanation method;
- Demonstration method ;
- Using of audio-video learning material;
- Interactive classes;
- Situational exercises;
- Role-playing games;
- Practical work;
- Laboratory work ;
- Teamwork skills;
- The simulated performance;
- Posing and solving the problems;
- Critical analysis;
- Group exercises;
- Projects;
- Exercises oriented on solving of the problems;
- Case study;
- Literature review;
- Searching the files in electronic format or library ;
- Written work method;
- Writing topics;
- Introduction of presentations;
- Verbal method;
- Observation method;
- Simulations on phantoms;

- Production of electronic and non-electronic medical records;
- Making of written professional instructions;
- Clinical practical studies;
- Working considering the methods of evidence based dentistry;

Knowledge and understanding

Program graduate:

- Describes and determines chemical, biochemical molecular, microbiological and histological processes in human body in both normal and pathological conditions;
- Has in-depth knowledge of human anatomy and physiology.
- Has and demonstrates systemic knowledge of theories of clinical sciences closely related to oral diseases;
- Defines and interprets basic systemic principles and peculiarities of health care service formation, management and operation of the system, disease prevention and their management (sanitary-hygienic requirements, infection control, etc.), healthy life styles and behavior change;
- Has systemic knowledge of research methods (biostatistical and epidemiological);
- Explains and reviews main issues of health care legislation and ethical aspects, patient rights and medical activities;
- Has in-depth knowledge of dental sciences – therapeutic dentistry pediatric dentistry, dental surgery, maxillo-facial surgery, prosthetic dentistry, orthodontics;
- Reviews and defines dental materials and their purpose;
- Has systemic knowledge of diagnostics of oral diseases (taking patient history, performing physical examinations, assessment), aspects of treatment planning and treatment methods considering the respective competences;
- Determines and lists the manipulations (vena lunctio, stitching the skin and mucous membranes subcutaneous and intramuscular injection, intravenous drug administration, tooth extraction tooth preparation, root canal filling, tooth restoration etc.);
- Has systemic knowledge of treated patients follow-up and outcome maintenance and management.
- Based on systemic knowledge performs classification of main groups of drugs taking into account mechanisms of their action and interaction;
- Has knowledge of basic diagnostic and medical-preventive principles and methods of diseases, peculiarities of medical records;
- Understands the essence of health and non-medical fields/spheres and importance of their application in professional activity;
- Has the knowledge of the basics of medical psychology, medical physics, biophysics (natural and preformed, physical factors, biophysical mechanisms of impact on the organism etc);

Skills

Program graduate:

- Organizes the diagnosis, prevention and management of oral diseases based on the competencies in therapeutic, orthopedic, surgical dentistry, implantology and pediatric dentistry, and considering peculiarities of various concomitant and chronic diseases;
- Plans and implements basic and alternative public health measures using epidemiological research methods aimed at promotion of oral health;
- Applies guidelines and protocols for performing in new environment appropriate clinical examinations and procedures, using of equipment, selection of drug groups, medical-preventive measures and specialized services. in the field of public health and specialized services in therapeutic-preventive measures;
- Applies the evidence-based research findings in decision-making process;
- Collects the history, performs diagnosing and differential diagnosing of main and concomitant diseases and differential diagnosis taking into account main functional indicators of general condition of the body;
- Performs researches in accordance with ethical principles;
- Performs registration of patient data, formation and storage of records according to protocols;
- Provides emergency medical care;
- Provides medical manipulations (skin dissection, dissection of purulent abscess, venous puncture, suturing the skin and mucosa, subcutaneous and muscular injections, intravenous drug administration, tooth extraction, tooth preparation, tooth root canal treatment, tooth restoration, etc.) and procedures (draining etc.);
- Uses medications safely;
- Critically analyzes patient's oral health problems, identifies the problem and in conditions of incomplete and/or contradictory data, forms the appropriate conclusion;
- Collects, analyzes and generates individual or public health data related to the oral cavity based on the latest achievements in medicine and develops and substantiates appropriate recommendations;
- Analyzes and evaluates the diagnostic methods and the potential impact of equipment-related biophysical factors on the human body;
- Presents orally and in writing (including electronically) evidence-based proposals, decisions, opinions, conclusions, reports and recommendations in English to academic, professional and non-professional society;
- Informs patients and patients' relatives, colleagues, and stakeholders on oral health issues;
- Manages professional critical situations;
- Ensures study and independent learning of the most recent thematic issues of in the oral cavity, public health and medicine;
- Maintains with patients and colleagues' relationships based on ethical values, protects patient's rights;

Responsibility and autonomy

Program graduate:

- Consistently evaluates own learning process;
- Identifies the needs for further study in the specialties of dentistry;
- Takes into account norms of professional ethics;

Learning outcomes:

Date of approval:

11-28-2013

Approval protocol number:	20-14
Date of program update:	
Update protocol number:	1/25

Program details: The program has 300 ECTS and includes 5 years of teaching. It consists of program compulsory (288 ECTS) and optional (12 ECTS) components. The amount of the ECTS of dental specializations is 126.

Teaching Process Characteristics:	The program consists of theoretical and laboratory teaching, as well as practice, which is implemented within the courses based on the thematic direction. Theoretical lectures can be concurrently conducted in two and more groups. A semester offers curations (rotations) of medical profiles that consider daily and intensive teaching and is organized as in the university campus as well as in the affiliated medical institutions. The students' number in laboratory and practical groups is not more than 15. The practical training is conducted using mentor system, as for the evaluation of clinical and professional skills the structured (integrated) evaluation system in simulation and clinical setting is used.
--	--

Program Core

Students who enrolled through the Unified Entry Examinations have to choose English Language for Medics (C1/1) and international students have to choose Georgian, as a second language I

Code	Subject	ECTS	Semester
DENT1111	Medical Chemistry	6	1
DENT1220	Histology and Embryology	6	1
ENGL3218	English Language for Medics (C1/1)	6	1
LING0011	Medical Georgian as a Foreign Language I	6	1
NRSI1122E	Human Anatomy-Physiology I	9	1
DENT1210	Medical Physics and Biophysics	6	2
DENT1230	Biochemistry	6	2
DENT2130	Molecular Biology and Genetics	6	2
ENGL3219	English Language for Medics (C1/2)	6	2
LING0013	Medical Georgian as a Foreign Language II	6	2
NRSI1221E	Human Anatomy-Physiology 2	9	2
DENT2110	Topographic Anatomy	6	3
DENT2120	Pathological Anatomy and Physiology	6	3
DENT2140	Therapeutic Dentistry I (propaedeutics)	3	3
DENT2150	Dental Surgery (propaedeutics)	3	3
DENT2160	Prosthetic Dentistry I (propaedeutics)	3	3
DENT2170	Pediatric Dentistry I (Prophylaxis of Dental Diseases Part I)	3	3
NRSI2140E	Microbiology	6	3
DENT2230	Patient care and First Aid	3	4
DENT2240	Therapeutic Dentistry II (Cariesology)	3	4
DENT2250	Dental Surgery II (Odontogenic diseases)	3	4
DENT2260	Prosthetic Dentistry II (Fixed Prosthodontics Part I)	3	4
DENT2270	Pediatric Dentistry II (Prophylaxis of Dental Diseases Part II)	3	4
DENT3112	Pharmacology for Dentists	6	4
NRSI4140E	Bioethics and medical law	3	4
DENT2220	Professional Communication	3	5
DENT3111	Pediatric Dentistry III (Cariesology) (Rotation)	3	5
DENT3120	Radiology (Rotation)	3	5
DENT3130	Medical Psychology and Psychiatry (Rotation)	3	5
DENT3140	Hematology	3	5

DENT3150	Dermatology and Venerology	3	5
DENT3160	Endocrinology	3	5
DENT3170	Therapeutic Dentistry III (Endodontics Part I) (Rotation)	3	5
DENT3180	Surgical Dentistry III (Non-odontogenic maxillofacial diseases) (Rotation)	3	5
DENT3190	Prosthetic Dentistry III (Fixed Prosthodontics Part II) (Rotation)	3	5
DENT3220	General Medicine and Diagnostics	6	6
DENT3230	Otorhynolaryngology (Rotation)	3	6
DENT3240	Phthisiology (Tuberculosis) (Rotation)	3	6
DENT3250	Therapeutic Dentistry IV (Endodontics Part II) (Rotation)	3	6
DENT3260	Dental Surgery IV (TMJ disorders) (Rotation)	3	6
DENT3270	Prosthetic Dentistry IV (Removable partial dental prostheses Part I) (Rotation)	3	6
DENT3280	Pediatric Dentistry IV (Endodontics) (Rotation)	3	6
DENT4280	Biostatistics and Epidemiology for Dentists	6	6
DENT4110	Pediatrics for Dentists (Rotation)	3	7
DENT4121	Neurology	6	7
DENT4130	Ophthalmology (Rotation)	3	7
DENT4140	Orthodontics I (propaedeutics) (Rotation)	3	7
DENT4150	Therapeutic Dentistry V (Preclinical parodontology) (Rotation)	3	7
DENT4160	Dental Surgery V (Maxillofacial oncology part I) (Rotation)	3	7
DENT4170	Prosthetic Dentistry V (Removable partial dental prostheses Part II) (Rotation)	3	7
DENT4180	Pediatric Dentistry V (Periodontology) (Rotation)	3	7
HELM232210E	Health Care Management	6	7
DENT4210	Dental Management of Medically Complex Patients (Rotation)	3	8
DENT4221	DENT4221 Internal Medicine, Infectious Diseases	6	8
DENT4230	Orthodontics II (Diagnostics and orthodontic appliances) (Rotation)	3	8
DENT4240	Therapeutic Dentistry VI (Clinical Parodontology) (Rotation)	4	8
DENT4250	Dental Surgery VI (Maxillofacial oncology part II) (Rotation)	4	8
DENT4260	Prosthetic Dentistry VI (Removable partial dental prostheses Part III) (Rotation)	4	8
DENT4270	Pediatric Dentistry VI (Diseases of oral mucosa) (Rotation)	3	8
DENT5110	Head and Neck Oncology	3	9
DENT5120	Allergology and Immunology	3	9
DENT5130	Orthodontics III (Craniofacial anomalies and their treatment methods) (Rotation)	3	9
DENT5140	Therapeutic Dentistry VII (Diseases of Oral Mucosa Part I) (Rotation)	3	9
DENT5150	Dental Surgery VII (Perio Surgery) (Rotation)	3	9
DENT5160	Prosthetic Dentistry VII (Removable complete dentures and maxillofacial prosthetics) (Rotation)	3	9
DENT5170	Pediatric Dentistry VII, (Infections of Oral Mucosa) and Pediatric Oral and Maxillo-Facial Surgery Part I (Rotation)	6	9
DENT5210	Surgery	6	10
DENT5220	Anesthesiology and Reanimatology	3	10
DENT5230	Orthodontics IV (Adult orthodontics) (Rotation)	3	10
DENT5240	Therapeutic Dentistry VIII (Diseases of Oral Mucosa Part II) (Rotation)	4	10
DENT5250	Dental Surgery VIII (Implant Dentistry) (Rotation)	4	10
DENT5260	Prosthetic Dentistry VIII (Implant Dentistry) (Rotation)	4	10
DENT5270	Pediatric Dentistry VIII (Oncology of oral mucosa) and Pediatric oral and maxillo-facial surgery Part II (Rotation)	6	10

Total ECTS to be taken: 300

Program Elective

Students have to choose 12 credits from the list

Code	Subject	ECTS	
HELM231320E	Health Promotion	3	
HELM233341E	Medical Tourism and Telemedicine	6	
HELM234150E	SPSS: Data Analysis and Formation in Healthcare	3	
MATH1214E	Fundamentals of quantitative research methods	6	
PHHS1011	Climate Change and Health	3	
PHHS1012	Art in Healthcare	3	
DENT2210	Dental Materials	3	
ENGL1120E	General English II	6	
ENGL1210E	General English III	6	
BUSN1210E	Basics of Business and Economics	6	
DENT3210	Public Health and Administration	6	
DENT4290	Dental Public Health and Research	6	
LATN2219	Latin Language (For Medics)	6	
COMM4120E	Introduction to Public Relations	6	
HIST1117E	Introduction to World History	6	
HIST1230E	Introduction to the History of Georgia	6	
PSYC1275E	Social Psychology	6	
		Total ECTS to be taken:	87

...

[Matrix Of Privequisites](#)

Point	GPA	The university assessment	The general assessment in Georgia	
97-100	4,00	A+	A	Excellent
94-96	3,75	A		
91-93	3,50	A-		
87-90	3,25	B+	B	Very good
84-86	3,00	B		
81-83	2,75	B-		
77-80	2,50	C+	C	good
74-76	2,25	C		
71-73	2,00	C-		
67-70	1,75	D+	D	Satisfactory
64-66	1,50	D		
61-63	1,25	D-		
51-60	1,00	E	E	Sufficient
Not passed				
41-50		FX	FX	Insufficient
<40		F	F	Failed

