

DOCTOR OF DENTAL MEDICINE (DMD)

✓ Higher Education Cycle	One-Cycle Educational Programme
✓ Study Language	English
✓ Awarded Qualification	Doctor of Dental Medicine (DMD)
✓ Program Volume	300 ECTS
✓ Status	Accredited
✓ Tuition Fee	4990 GEL 4900 USD (For Foreign Citizens)
✓ Head of the program	Professor Maia Jikia
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THE GOAL OF THE PROGRAMME

The programme aims at providing graduates with necessary knowledge, skills and competences relevant to the national and international standards of the field that will ensure their further study in professional direction and their formation as competitive specialists in the labor market; act in accordance professional principles, ethical and legal responsibilities and contribute to the field development in the constantly changing environment.

Therefor, the goals of the programme are to provide the graduates with necessary competencies listed below:

- ✓ Knowledge and understanding of biomedical and clinical sciences, which enable the graduate view dental disorders in the scope of pathogenesis of the whole body;
- ✓ Evidence -based clinical reasoning and decision- making in dentistry;
- ✓ The ability to work with professionalism, with ethical and legal responsibilities;
- ✓ Recognize the necessity for Life Long Learning (LLL), professional development in the constantly changing social and technological environment.

LEARNING OUTCOMES

Knowledge and Understanding

- ✓ Describes and critically analyzes the normal and pathological processes of human body at the cellular, molecular and biochemical levels; cell biology, metabolism, development of the body and the functions of organ systems in normal and pathological conditions;
- ✓ Describes the etiology, pathogenesis, risk factors, clinical features, diagnosis methods, principles of prevention, prophylaxis and treatment of various general and dental diseases/conditions, as well as those somatic diseases that may be related to dental pathologies; defines their interconnection and prognosis, in different age categories. Understands public health issues and services, professional standards and its role in health care;
- ✓ Describes the fundamental principles of behavioral and social sciences - human development, (child, adolescent, adult, elderly) human psychology and sociology;
- ✓ Understands public health issues and services, professional standards and its role in health care, taking into account ethical and legal principles;
- ✓ Determines the effective and relevant use of drug therapy in the process of treatment of dental patients, taking into account their classification, mechanism of action, dosage and side effects;
- ✓ Understands the need of evidence-based decision-making in the process of management of dental patients;

Skills:

- ✓ Conducts a clinical examination of a dental patient, takes a history, prescribes additional examinations, identifies patient referral, manages the dental patients by taking into considerations deontological, psychological and social aspects, provides reassurance and support to the patient, protects his rights, provides explanations and advice to the patient and/or carers;
- ✓ Assess the clinical case, analyzes and synthesizes the data of laboratory/instrumental/imaging results and by the integration of knowledge in biomedical, dental sciences provides with the evidence-based differential diagnoses and diagnoses;
- ✓ Based on diagnosis, treatment prognosis, patient's general health, indications /contraindications and the latest guidelines negotiates an appropriate complex treatment plan with patients and carers, with patients of all age groups.
- ✓ Identifies and assesses emergency medical and dental conditions, provides with the first aid in accordance with the guidelines;
- ✓ Prescribes medications clearly and correctly, taking into account the age, side effects, general health of the dental patient, synergistic / antagonistic drug interactions and in accordance with the clinical context of maxillofacial diseases;
- ✓ Participates in health promotion, conducts the diagnostic/preventive dental procedures, identifies dental problems, develops recommendations and preventive oral health care services;
- ✓ Applies safety measures of a dentist and a patient based on the principles of infection control in dentistry, prevents infection spread by ensuring biosafe environment, understanding own and patient's health problems with regard to professional responsibilities;

Conducts practical (clinical) procedures:

- ✓ Performs medical procedures and determines the vital signs of the patient;
- ✓ Provides restoration of caries/noncaries diseases/defects by using modern dental materials, the latest guidelines and technologies taking into account the anatomical-functional characteristics of tooth and/or teeth, type of damage and localization with patients of all age groups including the patients with special needs;
- ✓ Provides endodontic treatment using modern dental materials, latest guidelines, technologies, taking into account special needs and age features;
- ✓ Provides preventative dental care, oral hygiene education, advises the patient on the importance of maintenance of healthy lifestyle/diet and its impact on oral health in patients of all age groups including the patients with special needs.

- ✓ Manages periodontal diseases, performs diagnostic/therapeutic/preventive procedures using the latest guidelines, technologies with patients of all age groups including the patients with special needs;
- ✓ Manages Oral Mucosal lesions, lips and tongue disorders by selecting and using appropriate medications with patients of all age groups including the patients with special needs.
- ✓ Manages and integrates the procedures necessary to provide biocompatible, functional and aesthetic restorations in prosthetic dentistry;
- ✓ Plans and implements dental implantation;
- ✓ Performs simple oral surgical procedures in order to prevent oral diseases and promote health;
- ✓ Manages pain- performs injectable and non-injectable dental anaesthesia;
- ✓ Selects and uses different types of orthodontic appliances for orthodontic treatment;
- ✓ Conducts effective verbal and non-verbal communication in professional/non-professional multicultural environment, in breaking negative news, in conflict situations, in seeking informed consent etc. with any person regardless of his/her social, cultural, religious or ethnic origin; works in the team, presents and defends own point of view;
- ✓ Finds the modern, reliable information, based on critical analysis, synthesis and evidence dentistry data formulates the results in oral and written form within the academic and professional field;
- ✓ Uses evidence dentistry in practice, conducts the relevant literature research, determines the research designing, critically analysis published literature, sources and formulates conclusions based on analysis;
- ✓ Effectively uses modern information resources and technologies in practical activities;
- ✓ Participates in health promotion, conducts the diagnostic/preventive dental procedures, identifies dental problems, and develops recommendations and preventive oral health care services.

Responsibility and responsibility

- ✓ Demonstrates impartiality, empathy, critical and self-critical attitude, recognizes the limits of own abilities, the importance of effective time management during practical activities, protects confidentiality, capacity of organization, planning and to learn (including life long and self-directed learning);
- ✓ Provides quality dental care to patients regardless of their social, cultural, religious, ethnic background by following ethical and legal principles.

PROGRAMME ADMISSION REQUIREMENTS:

The prerequisites and procedures for admission to the dental educational program are in accordance with the current legislation, it is written in the program, in the regulation of the educational process, it is posted on the website of the university and it is available to all interested person.

Enrollment Conditions

A person with a full general education certificate or equivalent document issued in Georgia, who has obtained the right to enroll in SEU and has been registered on the basis of the results of the Unified National Examinations, shall have the right to study on the One-cycle Doctor of Dental Medicine (DMD) Program.

Obtaining the Student Status Without Passing the Unified National Examinations

Obtaining the status of a student without passing the Unified National Examinations shall be allowed in accordance with the rules and within the timeframe established by the Ministry of Education and Science of Georgia:

- ✓ Foreign citizens and stateless persons who have received general secondary or equivalent education in a foreign country;
- ✓ For citizens of Georgia who have received full general or equivalent education in a foreign country and have studied in a foreign country for the last 2 years of full general education;
- ✓ For foreign citizens (except for students participating in a joint Higher Education program and students participating in an exchange education program) who are studying/have studied and received credits / qualifications in a Higher Education Institution recognized in a foreign country in accordance with the legislation of that country.
- ✓ For citizens of Georgia (except for students participating in a joint Higher Education program and students participating in an exchange education program) who live/lived, study/studied and have received credits/qualification in a foreign country at a Higher Educational Institution recognized in accordance with the legislation of this country for the period determined by the Ministry of Education and Science of Georgia.
- ✓ The Higher Educational Institution is obliged to confirm that the persons, wishing to obtain the right to study, possess the language of instruction of the chosen educational program at least B1 level.

PROGRAMME ADMISSION PRECONDITION:

Enrollment by Mobility

Admission of students from other higher education institutions / programs through mobility is carried out in accordance with the rules established by the order N 10 / N of the Minister of Education and Science of February 4, 2010.

A person whose enrollment in a higher education institution has been carried out in accordance with the rules established by law and is a student of the institution wishing to register for mobility on the electronic portal of the Education Management Information System has the right to mobility.

The right to mobility is also granted to a person whose student status has been suspended at the time of registration on the electronic portal or to a person whose status has been terminated within 12 months of the termination of the status.

Enrollment in the educational program or enrollment by transfer from a recognized higher education institution abroad is carried out on the basis of the order of the Minister of Education and Science of Georgia. Based on the decision / consent of the Ministry of Education and Science of Georgia.

FIELD OF EMPLOYMENT

The graduate of one-cycle higher education programme (Doctor Of Dental Medicine) is not granted to run the independent dental practice according to the applicable legislation, she/he can be:

- ✓ Employed as a Junior Doctor under the responsibility of an independent dental practitioner;
- ✓ Carry out research and teaching activities in the theoretical fields of medicine or other fields of health care that do not include an independent medical practice.