

## **Name of the program: Single-Cycle Educational Program in Dentistry**

**Program Supervisor – Professor Tamar Okropiridze**

**Program Scope: 300 ECTS**

**Qualification to be awarded: Doctor of Dental Medicine**

**Prerequisite for admission to the program** - Required documents for those willing to study for the degree of dentistry Doctor: National School Leaving Certificate or its equivalent; results (scores) obtained from the Unified National Examination and applicants under the Law of Georgia on Higher Education, Article 52, para 3.

Admission of foreign citizens is regulated according to legislation established by the Ministry of Education and Science of Georgia. In accordance with the law of Georgia on Higher Education, Article 52, para 3, candidates willing to study for the degree of dentistry Doctor in Georgian language program are required to present the document certifying the knowledge of Georgian not less than B2 level.

**Language of instruction**– Georgian.

**The goal of the program.** The aim of the program is to develop the competencies in graduates required by the national and international standards necessary for the dental practice, which implies the knowledge of the theoretical foundations of the field and the mastery of clinical skills. The graduate will also study the diagnosis and treatment of diseases and disorders of the teeth and gums; the development, manufacture and repair of dentures and orthodontic appliances, and the assistance of a dentist.

The goal of the program is to train competitive and competent certified dentists who will be able to further professional development, In particular, continue residency studies, take an alternative postgraduate education (vocational training) course, work as a junior doctor or conduct research in theoretical fields of medicine or other areas of healthcare that do not involve independent medical practice.

The goal of the dentistry program is in line with the University's mission.

**The goals of the program are:**

Provide the graduate with the knowledge of basic, clinical, behavioral and social sciences, necessary for medical practice in the field.

Develop general clinical skills in graduates;

Give the knowledge of methodology and professional ethics of the field.

To give knowledge of making the diagnosis and prevention of dental diseases; Ability to use this knowledge in practice; the principles of treatment of dental diseases.

Develop motivation for continuing medical education;

Develop the ability to independently obtain and critically evaluate medical information;

Develop the sense of respect for the patients in future dentists, to take into account their interests, regardless of their social, cultural, religious and ethnic background;

Provide training for medical personnel with relevant medical education of modern scientific knowledge and technological advancement.

**Learning Outcome. The graduate will know:** Biochemical processes, bio compounds, classification and metabolism in a living organism; Metabolic processes and cycles in the human body;

Embryology of the oral cavity organs and teeth, pathological anatomy, topographic anatomy, physiology, pathological physiology.

Inflammatory and non-inflammatory, hard and soft tissue, tumors, orthopedic and traumatic lesions, peripheral nervous system, specific, infectious, allergic and systemic diseases of the jaw area of children and adults, classification, clinical course, Differential diagnostics, conservative and surgical treatment methods;

Restoration of teeth in children and classification of restoration materials; Orthodontics, anomalies of the jaw-tooth system, and pediatric prosthetics. Pediatric and Adult Dental Service and Disease Prevention; Hygienic measures; Etiology, pathogenesis, clinical course and treatment methods of major therapeutic and surgical diseases.

**The graduate will be able to:** examine the patient, differentiate oral pathologies; Determine the quality of injuries; Conduct laboratory tests, functional samples and methods according to the display.

Diagnosis of carious and non-carious diseases and development of treatment scheme;

Select dental restoration/filling material, preparation and filling on the phantoms, assistance to dentist.

Prepare prosthetics and select material. Mold making, preparation of prosthetic models. Differential diagnosis and diagnostics on the basis of analysis of examination of therapeutic and surgical patients.

Conduct therapeutic and prophylactic manipulations. Effective verbal and nonverbal communication with the patient, taking into account the psychological and behavioral characteristics of the patient. Data collection and integration, analysis, reasoning. Finding, processing and using information from various sources through information technologies. Ability to realize the acquired knowledge and experience in a new environment.

#### **Program structure.**

The educational program in Dentistry is 5 years, consisting of ten semesters. Training over five years includes 300 credits.

**Of these 300 credits, 286 credits are compulsory, while 14 credits are elective courses.**

- 1. Basic compulsory courses - 64 credits;**
- 2. Compulsory courses in dentistry - 44 credits;**
- 3. Clinical compulsory courses in dentistry – 106 credit;**
- 4. Compulsory clinical courses - 35 credits;**
- 5. General compulsory courses - 27 credits;**
- 6. Compulsory courses of scientific skills - 10 credits;**
- 7. Elective courses - 14 credits.**

30 credits per semester, 60 credits per year.

1 credit = 25 hours

One academic year: 42 weeks.

Duration of the semester: 21 weeks (including: study-15; session-4; additional exams -2).

VI, VII, VIII, IX and X semesters - teaching by the curative system.

### **Student Knowledge Assessment System.**

The student assessment at single-cycle dental education program provided by Teaching University Geomedi LLC is guided by the European Credit Transfer System (ECTS), law of Georgia on Higher Education and by order #03 of January 5, 2007 of Minister of Science and Education of Georgia on the Approval of the Procedures for Calculating Higher Education Programs with Credits and the assessment system defined by the above, which implies the following:

#### **5 types of positive assessment:**

a.a) (A) **excellent-91%-100%**

a.b) (B) **very good-81-90%**

a.c) (C) **good-71-80%**

a.d) (D) **satisfactory-61-70%**

a.e) (E) **acceptable-51-60%**

#### **a) 2 types of negative assessments:**

b.a) (FX) **couldn't pass- 41-50%**- Which means that more work is needed. The student can enroll in independent work and is given the right of an additional test.

b.b) (F) **Fail**-Less than 40% Work carried out by the student is not enough and the student must retake the subject.

Student's knowledge is assessed by the 100-point system.

The semester assessment includes the necessary components-**Midterm assessment** and **Final exam**. Each component has its percentage of the overall system of assessment, which determines the course author/authors. For example: (1) **70/30** or (2)**60/40**, which means that in the first case midterm assessments include assessment's **70 %**, final exam **30%**, in the other case **Midterm** assessments include assessment's **60%**, and **Final** exam **40%**.

The assessment of the midterm is divided into the **components**

**The assessment of the midterm is divided into the following components:** (midterm exam, oral presentation on seminars/practical classes, presentation, quiz, situational tasks, cases etc.); percentage of these components in total assessment is defined by the lecturer except for midterm exam itself, which is indispensable component of midterm assessment (exceptions are clinical skills and clinical practice assessments) and its percentage in total scores: (1) in case of 70/30 system, midterm exam should account for 30 points, whereas in (2) case of 60/40 system – it must account for 20 points.

There is no minimal competency limit to midterm exam. Students is not allowed to retake midterm exam, except for the exam missed for excusable reason.

The minimal competency limit of midterm assessment which also is the precondition for admission to final exam, is minimum 50% of intermediate assessment scores.

Final exam is an necessary component for final assessment. The minimal competency limit for passing the final exam is 50%+1 of total max. points; in case of getting less than minimal competency scores, the final exam assessment is nullified and if students term assessment is between 41-50, then they are granted the second chance to retake the final exam. If the student's midterm assessment score is less than 41, then they must take this subject again. In case if student's midterm assessment score is 51 or higher, they must overcome the minimal competency limit on final exam, otherwise the subject will be considered as failed.

Student can retake the final exam in the same semester, not later than 5 days after the date of first final exam.