

# One Step Educational Program for Medicine

**Program Supervisor – Associate Professor Mariam Velijanashvili, MD, PhD**

**Program Co-Supervisor – Doctor of Medicine Wolf Christopher J. A. (Germany)**

**Program Consultants - Frank Scorgie Rhame (Professor of University of Minnesota; USA), William A. Toscano (Professor of University of Minnesota; USA)**

Qualification to be awarded - Medical Doctor (MD)

Program Volume by ECTS – 360 ECTS

Language of Instruction - English

## **Preconditions for admission to the program**

One Step Undergraduate Educational Program for MD can be attended by a person holding a state certificate confirming the completion of full basic educational level (National School Leaving Certificate) or its equivalent, who will pass the Unified National Examination and based on the obtained scores, will gain the right to study at university on the specialty of medicine, or the applicants under the Law of Georgia on Higher Education, Article 52, para 3.

In accordance with the law of Georgia on Higher Education, Article 52, para 3, foreign citizen candidates seeking for admission to educational program are required to pass the exam organized by the university, ensuring the knowledge of Georgian language at not less than B1 level (including the components or listening, reading and analyzing of text, speaking), or presenting the document certifying the knowledge of Georgian language at B1 level.

Admission of foreign citizens is regulated according to legislation established by the Ministry of Education and Science of Georgia.

## **Structure of the program**

The medical doctor education program takes 6 years of undergraduate study. This involves 360 credits, from which 330 credits are compulsory. The latter itself includes the following:

Specialty basic compulsory courses: 17 credits;

Specialty basic compulsory integrated courses: 62 credits;

Specialty pre-clinical compulsory integrated courses: 51 credits;

Specialty clinical compulsory courses: 157 credits;

Specialty compulsory courses: 30 credits;

Scientific skills compulsory courses: 13 credits;

Free elective courses: 30 credits;

1 ECTS = 25 academic hours.

1 academic year: 42 weeks

Duration of semester: 21 weeks (including: lectures and seminars – 15 weeks, exams – 4 weeks;

Additional exams – 2 weeks).

Semesters VII, VIII, IX, X, XI, XII – teaching by clinical rotations.

### **Precondition for awarding the qualification**

The medical doctor qualification is earned by a student who collects not less than 360 credits after completion of the education program.

### **The goal of the education program**

The goal of MD undergraduate higher education program is consistent with the University mission, which implies the training of qualified competitive medical graduates, able to get employed easily both at local or international market, according to their qualifications.

The program goals include: development of competencies relevant to international standards which are indispensable for the graduates to perform their practice; the latter implies acquiring of theoretical knowledge as well as development of scientific and clinical skills, ethical values and professional responsibilities inherent for doctor's profession. In addition, the program also prepares the graduates to pursue their further professional career, in residency, at doctorate degree, or at alternative postgraduate study courses; the program encourages the scientific activity in theoretical fields of medicine and other healthcare areas, which do not imply independent medical activity.

### **The medical graduate is able to:**

Consult the patient independently, independently evaluate the clinical cases and administer the investigations, make differential diagnoses, develop and take responsibility for disease management plan, take responsibility on undertaking the medical practice considering the ethical and legal principles, independently evaluate the psycho-social aspects related to patient's disease, undertake medical practice without bias and based on ethical principles, work both independently and within team, creative thinking, propose initiative, work with multidisciplinary team, understand their own limits, take responsibility to search for assistance, proceed continuous self-development and life-long learning independently, reveal professional behavior and attitude in every aspect of medical practice, have fair, unbiased, modest attitude, reveal responsibility, empathy, respect, altruism, respect differences and keep confidentiality, have responsibility for providing high quality medical service and keeping high competence, understand and discuss ethical issues related to cases in practice, understand and manage conflict of interests, reveal professionalism in communication and its technologies, regularly judge and evaluate their own actions using internal or external data resources, in order to achieve perfection of learning and knowledge capacities, communicate by patient-oriented approach, which increases the trust and autonomy sense in patient, reveal empathy, respect and sympathy; own the skills of optimizing physical environment for patient comfort, dignity, privacy, inclusion and safety, understand the situations when values, errors or views of patients, doctors or other medical professionals may have influence on patient care quality and respectively modifies the

approach to patient, use innovatively the knowledge, technologies and methods, have their own self-esteem, initiative and pragmatism, have short and long term career and personal plans, aiming and working on precise direction with realistic development plan and respective actions, have positive relations with doctors and other colleagues, in order to substantiate and collaborative management of patient, participate in professional social life, within professional and other working frames, discuss and agree with doctors and other colleagues from healthcare system about overlapping and common responsibilities during episodic and ongoing management of patient, get involved in the process of common decision making together with doctors and other colleagues, reveal respect to other colleagues, develop strategies for mutual understanding, management of different point of views and conflict resolution in order to support collaborative environment, perform effective verbal and written communication for safe transfer of patient to other specialist, other environment or other management step.

**Professionalism during work:**

Graduate is able to define when there is a time to refer the patient management to other doctor of specialist, understands his/her own expertize frames and demonstrates the need of involving other professionals in the process for optimal care of the patient, which may include effective, respective and timely consultations, is able to define, analyze and interpret the data, deal with informational and personal limits and taking respective decisions.

**Student assessment system**

The student assessment at single-level undergraduate medical 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%

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.

The term assessment of the student is defined by the sum of midterm assessment and final exam scores and is max. 100.

The summary assessment implies two components – midterm and final assessments. Each element has its percentage in overall assessment system, which is independently defined by the lecturer; (1) 70/30 or (2) 60/40, which means that in first case, intermediate assessment accounts for 70% of total summary scores, while the final exam gives only 30%; in second case, intermediate assessment accounts for 60% of total scores, while the final exam give only 40%.

Intermediate assessment is divided into several components (midterm exam, activity on seminars/practical classes, presentation, quiz, situational tasks, essays etc.); percentage of these components in total assessment is defined by the lecturer except for midterm exam itself, which is indispensable component of intermediate 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 special cases due to which the exam was missed.

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

Final exam is an essential condition 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 intermediate assessment score is less than 41, then they must take this subject again. In case if student's intermediate 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 a second chance final exam in the same semester, not later than 5 days after the date of first final exam.

Assessment components are defined by the course supervisor according to the subject specificities.

### **Employment field**

The medical graduate can be employed as Doctor Assistant (“Junior Doctor”), performing their function under the supervision, guidance and responsibility of the person legally empowered to do the independent medical activity (law of Georgia about “Medical Activity” art.5). the graduate of the educational program has the legal right to: a) take the postgraduate residency course (in Georgia or abroad on the equivalent professional program, which is approved by the legislation of that country) and after passing the unified national certification exam, gain the official right of independent medical activity ( law of Georgia about “Medical Activity” art. 17); b) continue their study at doctorate level as PhD student,

take on the lecturing or the scientific activity; c) get employed in healthcare organizations which do not require independent medical activity.

## **One Step Educational Program for Medicine (English Medium)**

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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, foreign citizen candidates seeking for admission to educational program are required to hold the document certifying the knowledge of English (not less than B1 level), by internationally recognized certificate (IELTS, TOEFL, Cambridge English, UNICert®, EnglishScore etc.)

Or

Present the document certifying the education covered in English language for foreign citizens (e.g. school leaving certificate, college diploma etc.), also Georgian citizens, having covered the full basic education in English abroad, or its equivalent, who have studied last 2 years at the basic education level abroad, must present respective document certifying the latter (e.g. school leaving certificate, college diploma etc.)

Or

Pass the exam organized by the university for foreign citizen candidate, certifying the knowledge competency level in English, minimum at the abovementioned (B1) level (exam must include the following components: listening, reading and reasoning / analysis of the text, speaking).

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