

Tbilisi State Medical University



International Faculty of Medicine and Stomatology

Undergraduate Program for Medical Doctor

Language of the study – English

Date of accreditation – 2021

Program Director - Associate Professor Davit Tophuria

Tbilisi

Title of the Educational Program	Educational Program for Medical Doctor
Level of the Higher Academic Education	One Cycle Undergraduate
Qualification to be awarded	Medical Doctor (MD)
Program Volume/Credits	360 ECTS Credits (1 ECTS credit – 30 hours)
Duration of the Program	6 Academic Years (12 Semesters)
Language of the Study	English
The Structure and Content of Medical Doctor Program (Short description)	<p>The program is designed using the methodology of planning and developing educational programs at TSMU. The program's content fully covers the requirements for admission and learning outcomes.</p> <p>The educational program includes teaching plan and appropriate Modules / Syllabuses. The learning outcomes of the educational program are in line with the Higher Education Qualifications Framework and Sectoral standards. (Decision of council of the Higher School of Education of Medicine, 18.07.2017).The program sets learning objectives, learning outcomes and the qualification. The program is developed in accordance with the European Credit Transfer System (ECTS). Educational program is focused on student and learning outcomes.</p> <p>Each module in the curriculum is corresponding to the appropriate stage of learning. And it is based on the knowledge and skills acquired by the student, and is itself a prerequisite for mastering the inherited component / module. Program is multi-component and structured as integrated modules.</p> <p>The educational program includes:</p> <ul style="list-style-type: none"> • Modules of Natural Sciences and Humanities (Physics, Chemistry, Biology, History of Medicine and foreign Language), Modules of Biomedical Sciences (Structure of Human Body, Cell and

	<p>Tissue, Early embryonic development, Morphological basis of metabolism, Reproductive, endocrine and sense organs, Circulatory and immune system, nervous system, Homeostasis: „From Structure to Function”, Neural-Reflex Mechanisms of Function Regulation, Cardiac Hemodynamic system, Metabolism, Organisms and Ecosystem, Environmental Health).</p> <ul style="list-style-type: none"> • Preclinical Modules: Response of the body to injury, Infection and Immunopathology, Pathology of Neuroendocrine, Somatic and Vegetative Systems, Subjective and Objective Systematic Examination of the Patient, Integrative Course of Clinical Reasoning. • Clinical Modules: Internal Medicine, Surgery, Obstetrics and Gynecology, Clinical Neurosciences, Communicable Diseases, Oncology, Child diseases, Mental Health and Management, Emergency Medicine, Head and Neck Diseases, Clinical Radiology, Medicine and Law, Diagnosis and Treatment of Internal Diseases, Physical Rehabilitation and Sport Medicine). Social sciences and public health, Teaching of scientific and clinical skills.
<p>Aims of the Educational Program</p>	<p>The defining goal of the Educational Program for MD is to train highly qualified and competent physicians who respond to contemporary challenges. In other words, the program serves to provide graduates with the knowledge and skills, upon which they will be able to get a job position in the clinics, continue study to the next level and develop their professional skills.</p> <p>The objectives of the program:</p> <ul style="list-style-type: none"> • Provide students with up-to-date medical knowledge; • Develop student’s clinical and communication skills necessary for medical practice; • Generate values of medical ethics and entire professional life-long learning skills and motivation; • Ensure high-quality medical education of the students by introducing nationally recognised medical standards and ethical norms.
<p>Requirements/Prerequisites to the Program</p>	<p>Student enrollment is carried out in accordance with legislation (Georgian Law on “Higher Education”, Article 52).</p> <p>Prerequisites for admission MD program are as follows:</p>

	<ul style="list-style-type: none"> • Applicant may be a foreign citizen or stateless person with full general or its equal education received in another country; • Citizen of Georgia, who received full general or its equal education abroad and the last 2 years of full general education have been taught in a foreign country • Applicant who was/is studying and receiving credits in a foreign higher education institution recognized in accordance with the law of that country. Admission to the educational program through mobility is allowed after the end of one academic year of study. Mobility is available twice a year, within the deadline set by the Ministry of Education, Science, Culture and Youth of Georgia. • https://iro.ibsu.edu.ge/en/page/admissions
<p style="text-align: center;">Learning Outcomes</p>	<p><i>1.1.Sectoral competencies</i></p> <p><u>Sectoral Knowledge:</u></p> <ul style="list-style-type: none"> • Knowledge of biomedical, behavioral, social and clinical sciences; • Knowledge of medicines and the principles of their prescription; • Awareness of the doctor’s role in the maintenance and promotion of public health; • Knowledge of ethical and legal principles. <p><u>Sectoral Skills:</u></p> <p><u>The graduate should be able to:</u></p> <ol style="list-style-type: none"> 1. Patient Counseling: 2. Evaluation of clinical case, optimal scheduling of examinations, differential diagnostics, disease management plan reasoning. 3. Emergency medical care (first aid and resuscitation): 4. Medication selection, prescription and subscription: 5. Conducting practical procedures: 6. Effective communication within the frame of medicine: 7. Principles of legal ethics and their application to medical practice: 8. Evaluation of patient’s disease-related psychological and social aspects. 9. Applying evidence-based principles, skills and knowledge. 10. Effective use of medical information and technology. 11. Applying biomedical scientific principles, methods and knowledge to medical practice/research and integrate these into

patient care.

12. Health promotion activities and effective work in the healthcare system.

13. Professionalism.

1.2. General Competencies.

Knowledge and Understanding

– The graduate has a deep and systematic knowledge of the field that allows for the development of new ideas, realizes ways to solve a particular problem; Able to use the full range of teaching-information resources, can manage their own learning process. Acquires the essentials for continuous updating of knowledge; Has the ability to objectively evaluate own knowledge and skills; Has the ability to look for new, original ways of solving complex problems, including conducting independent research using the latest methods and approaches; Able to critically evaluate complex, incomplete and contradictory data, analyse it independently, clearly convey the results of the analysis and further their use. Has a critical approach to new information, capable of analysing, summarizing, integrating and drawing conclusions about variety of data, evaluating evidence and / or counter-arguments based on results obtained.

Skills to draw conclusions:

- The graduate able to draw conclusions based on critical analysis of complex and incomplete information (including recent research); Innovative synthesis of information based on the latest data;
- The ability to identifying a specific problem, finding a reliable, safe way to logical solutions calmly and systematically and taking appropriate/relevant action after concluding it.

Communication Skills:

- Communicate their findings, arguments and research methods with the academic or professional community in the light of academic honesty standards and the achievements of information and communication technologies; has the ability to observe, listen, and ask questions as well as non-verbal communication skills; capable to participate in meetings and to express options orally and in writing. *Participates* directly in the professional context *negotiations to resolve conflict*.

Learning Ability:

– Conducting the learning independently, understanding the peculiarities of the learning process and formulating high – level

	<p>strategy plan; Able to obtain information from a variety of sources, process large amounts of information and critically evaluate it; Has the ability to use information retrieved in professional activities.</p> <p><i>Responsibility and autonomy</i></p> <p>- Conducting and taking responsibility for development activities in a complex, unpredictable learning and / or work environment; Conducting own activities in accordance with ethical principles; Planning and promoting the continuous professional development of oneself and others; Identify own further learning needs, set goals, monitor and evaluate their own academic development and pursue a high degree of independence. So they can manage their own motivation towards learning.</p>
<p>Areas of Employment</p>	<p>Areas of employment of Medical Doctor are:</p> <ul style="list-style-type: none"> • Medical practice as a junior doctor. Junior doctor works under the supervisor of a senior doctor. • Academic and scientific activities.
<p>Postgraduate Education</p>	<p>A person with an academic degree of Medical Doctor has the right to pursue doctoral studies or to pursue a residency course after completing and passing the Unified State Certification Examination.</p>