



## *Petre Shotadze Tbilisi Medical Academy*

*Ketevan Tsamebuli Ave., 51/2, Georgia*

*Tbilisi Medical Academy was founded in 1992 by notable Georgian physician, pediatric surgeon, Petre Shotadze. After graduation of Tbilisi State Medical University in 1970, whole his doctoral, scientific and academic activities were connected to Tbilisi State Institute of Postgraduate Education for Physicians, where he went from being a postgraduate student to the Head of Pediatric Surgery and to the Rector. In 1999, following the demise of Dr. Shotadze, Tbilisi Medical Academy was renamed as “Petre Shotadze Tbilisi Medical Academy”. Since its foundation, TMA has grown up more than 1500 graduates who work successfully in leading Georgian and International Hospitals, Universities and Scientific Centres.*

### ***The Development of a Curriculum and Establishment of a Regional Training Platform for Hematology in Life Sciences and Medicine (DECERPH Tempus)***

*From December 2013, TMA is participating in EU-TEMPUS funded international project, which is led by University of Westminster (UoW) and aims to create a regional platform in south Caucasus for modernization and implementation of Hematology training course in Medicine and Life Sciences.*

*In the frames of project TMA is engaged in collaboration with following members of Consortia:*

- University of Westminster (UoW) (Great Britain)*
- Universita di Ferrara (UNIFE) (Italy)*
- Universita di Tor Vergata (UNITOV) (Italy)*
- Universidad de Murcia (UMU) (Spain)*
- Javakhishvili Tbilisi State University (TSU) (Georgia)*
- Iakob Gogebashvili Telavi State University (TESAU) (Georgia)*
- Yerevan State University (YSU) (Armenia)*

- *Mkhitar Haratsi Yerevan State Medical University (Armenia)*
- *Baku State University (BSU) (Azerbaijan)*
- *Azerbaijan Medical University (AMU) , (Azerbaijan)*
- *Hematology Center after Professor Yeolyan (HC), (Armenia)*

*The main objectives of the program are:*

- *Modernization, restructuring and customization of hematology teaching in medical and life science degrees in accordance to ECTS in south Caucasian region;*
- *Development and preparation of blended and e-learning teaching and assessment resources in hematology;*
- *Training of South Caucasian University staffs and raising level of teaching in modern hematology;*
- *Creation of Caucasian Regional Platform in Hematology*
- *Quality assurance of project implementation;*
- *Dissemination of results and applying strategies for further sustainability.*

*In the frames of the project TMA has:*

- *Developed curriculum of Clinical Hematology and implemented it in the medical program as a mandatory and independent discipline;*
- *Disseminated and strengthened teaching of hematology related topics in subjects like Histology, Physiology and Pathology;*
- *Established modernly equipped Hematology Laboratory, where students of pre-clinical stage are obtaining basic skills and knowledge, prior studying clinical Hematology;*
- *TMA hosted visit of delegation from UoW and other partner universities;*
- *Members of TMA had opportunities to obtain international training at EU partner universities.*

## **EDUCATIONAL PROGRAMS**

### **6 Year MD (MBBS) Program**

*Petre Shotadze Tbilisi Medical Academy is successfully running a One Step Educational Program – Medicine (MD) in English since 2012. The undergraduate program is recognized by international organizations and associations, such as **AMEE**, **EMSA**, **AMSE**. Tbilisi Medical Academy is listed in the directory of **WDOMS** (World Directory of Medical Schools).*

*The course duration is **6 years** and it is divided in three stages: Basic, Clinical and General Training. The Course provides students with an opportunity to obtain international standard education in Georgia. The curriculum is based on European & American models and it fulfills current international demands in the field of medical education. In the frames of Bologna Process, academic process at Tbilisi Medical Academy is based on the European Credit Transfer and Accumulation System (**ECTS**) which is the foundation for international recognition*

*The goal of the program is to develop deep clinical thinking in students, to give them medical education in accordance to the international standards, based on evidences necessary for their medical practical activities; to give a deep knowledge on public healthcare system and to realize the role of doctor in this system; the elaboration of clinical and communicative skills; elaboration of the usage of modern methodology in medical practice and research; development of skills for participation in the presentation and discussion of obtained results; the elaboration of ethical values and relations significant for the profession of Medical Doctor.*

*The educational process is ran by highly skilled and experienced academic staff with*

international backgrounds. Tuition is conducted in small groups, using most up to date literature, recommended by the higher education institutions of USA and Europe. The system of examinations and student evaluation is running in accordance with international standards and demands of Bologna process, which prepares students for the international qualification examinations (USMLE, PLAB, MCI etc.) from the first stages of education and encourages internationalization.

**Tuition fee per academic year for citizens of Georgia makes up 4800 GEL, for international students - 6000 USD.**

Curricula at Tbilisi Medical Academy is focused on development and strengthening of clinical skills from the first year of tuition. Students have opportunities to obtain basic skills of laboratory and clinical work and exercise them in the corresponding centers of the Academy

Tbilisi Medical Academy provides it's students with a fascinating opportunity to obtain medical practice skills in the TMA university clinic. At the newly equipped clinic students will have not only clinical rotations, but also possibility to engage in clinical practice from early stages of education.

Tbilisi Medical Academy has student oriented attitude, with both administrative and academic staff open for dialogue. Tbilisi Medical Academy is the place, where student's opinion matters. It's an institution that develops dynamically with it's students for creating better environment, suitable for challenging profession of Medical Doctor.

Tbilisi Medical Academy has international students from USA, UK, Germany, Israel, India, Iraq, Sri-Lanka, Bhutan, Cameroon, Egypt and UAE.

At Tbilisi Medical Academy students have opportunities to participate in various exchange programs, become parts of exciting short term internships in European clinics and gain scientific experience while participating in the scientific conferences both on national and international level

<b>Duration of Program</b>	6 Years (12 Semesters)
<b>Language of Instruction</b>	English
<b>Total Amounts of Credits</b>	360
<b>Amount of Credits per Semester</b>	30

The program is divided into three parts:

<b>I Part</b>	<b>Basic Subjects</b>	<b>2,5 – 3 Years</b>
<b>II Part</b>	<b>Clinical Subjects</b>	<b>3 – 5 Years</b>
<b>III Part</b>	<b>General Specialization</b>	<b>6 Year</b>

**I semester**

	<b>Learning Course</b>	<b>Credits</b>
<b>1</b>	<b>Human Anatomy I</b>	<b>6</b>

2	<i>Histology &amp; Cytology</i>	6
3	<i>Embyology</i>	3
4	<i>Genetics</i>	5
5	<i>Intoduction to Biochemistry</i>	5
6	<i>Foreign Language</i>	2
7	<i>Elective</i> 1. <i>Molecular Biochemistry</i> 2. <i>Medical Terminology</i>	3
		<b>30</b>

**II Semester**

	<i>Learning Course</i>	<i>Credits</i>
1	<i>Human Anatomy II</i>	6
2	<i>Immunology</i>	5
3	<i>Physiology I</i>	6
4	<i>Clinical Biochemistry I</i>	7
5	<i>Introduction of Medical Researches</i>	2
6	<i>Elective</i> 1. <i>Lab Chemistry</i> 2. <i>History of Medicine</i>	2
7	<i>Foreign Language</i>	2
		<b>30</b>

**III Semester**

	<i>Learning Course</i>	<i>Credits</i>
1	<i>Human Anatomy III</i>	6
2	<i>Physiology II</i>	6
3	<i>Clinical Biochemistry II</i>	6
4	<i>Microbiology I</i>	6
5	<i>Basic Course of Clinical Skills</i>	3
6	<i>Bioethics and Communication Skills</i>	3
		<b>30</b>

**IV Semester**

	<i>Learning Course</i>	<i>Credits</i>
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1	<i>Pharmacology I</i>	6
2	<i>Physiology III</i>	6
3	<i>Physiology of Behavior</i>	4
4	<i>Microbiology II</i>	6
5	<i>General Pathology</i>	8
		<b>30</b>

**V Semester**

	<i>Learning Course</i>	<i>Credits</i>
1	<i>Diagnosis of internal diseases and Clinical examination of patients I</i>	5
2	<i>General Surgery I</i>	4
3	<i>Systemic Pathology I</i>	7
4	<i>Behavioral Science</i>	5
5	<i>Pharmacology II</i>	6
6	<i>Clinical Skills I</i>	3
		<b>30</b>

**VI Semester**

	<i>Learning Course</i>	<i>Credits</i>
1	<i>Diagnosis of internal diseases and Clinical examination of patients II</i>	5
2	<i>General Surgery II</i>	4
3	<i>Systemic Pathology II</i>	7
4	<i>Biostatistics</i>	4
5	<i>Pharmacology III</i>	6
6	<i>Radiology</i>	4
		<b>30</b>

**VII Semester**

	<i>Learning Course</i>	<i>Credits</i>
1	<i>Internal Medicine I</i>	11
2	<i>Psychiatry</i>	5
3	<i>Neurology</i>	8
4	<i>Clinical Skills II</i>	3

5	<b>Elective:</b> 1. Professional Pathologies 2. Dentistry	3
		<b>30</b>

**VIII Semester**

	<b>Learning Course</b>	<b>Credits</b>
1	<b>Surgery I</b>	6
2	<b>Infectious Disease</b>	6
3	<b>Clinical Parasitology</b>	2
4	<b>Obstetrics</b>	6
5	<b>ENT</b>	3
6	<b>Endocrinology</b>	5
7	<b>Elective:</b> 1. ECG 2. Sports Medicine	2
		<b>32</b>

**IX Semester**

	<b>Learning Course</b>	<b>Credits</b>
1	<b>Internal Medicine II</b>	9
2	<b>Gynecology</b>	6
3	<b>Dematovenerology</b>	4
4	<b>Traumatology</b>	3
5	<b>Pediatrics I</b>	6
6	<b>Nutriology</b>	2
		<b>30</b>

**X Semester**

	<b>Learning Course</b>	<b>Credits</b>
1	<b>Surgery II</b>	7
2	<b>Clinical hematology</b>	3
3	<b>Pediatrics II</b>	5
4	<b>Ophthalmology</b>	3
5	<b>Clinical Pharmacology</b>	4

6	<b>Forensic Medicine</b>	3
7	<b>Research Skills I</b>	2
8	<b>Elective</b> 1. <b>Clinical psychology</b> 2. <b>Pediatric Surgery</b>	3
		<b>30</b>

### **XI Semester**

	<b>Learning Course</b>	<b>Credits</b>
1	<b>Differential Diagnosis of Internal Diseases I</b>	8
2	<b>Pharmacotherapy</b>	4
3	<b>Public Health</b>	3
4	<b>Epidemiology</b>	3
5	<b>Preventive medicine</b>	4
6	<b>Rehabilitation</b>	3
7	<b>Oncology</b>	3
8	<b>Elective:</b> 1. <b>Plastic Surgery</b> 2. <b>Tuberculosis</b>	2
		<b>30</b>

### **XII Semester**

	<b>Learning Course</b>	<b>Credits</b>
1	<b>Differential Diagnosis of Internal Diseases II</b>	8
2	<b>Surgery III</b>	5
3	<b>Obstetrics &amp; Gynecology</b>	5
4	<b>Clinical ethics and Legal Basis of Medical Practice</b>	2
5	<b>Critical Care &amp; Anesthesiology</b>	3
6	<b>Toxicology &amp; Emergency Medicine</b>	5
7	<b>Elective:</b> 1. <b>Neurosurgery</b> 2. <b>Vascular Surgery</b>	2
		<b>30</b>