

International School of Medicine

Medicine (ENG)

Level of Higher Education - One-Cycle (Equal to level 2)

Qualification to be Awarded – Medical Doctor

Language of Instruction – English

Number of ECTS credits - 360 ECTS

Programme Prerequisites:

The following have the right to study on the program: A citizen of Georgia with complete general or equivalent education - Based on the results of the unified national exams (As a result of the unified national exams, the student must confirm the knowledge of the English language at the B2 level and pass the minimum threshold both in the compulsory subjects and in one of the three optional subjects (chemistry, physics, mathematics). After enrollment, students will undergo an additional language proficiency test); A citizen of Georgia/a foreign country with complete general or equivalent education - Without passing the Unified National Exams, based on the legislation of Georgia (see <https://mes.gov.ge/content.php?id=6772&lang=geo>), based on confirmation of English language proficiency at level B2; A student (single-level or bachelor's program) who is enrolled in the program by transferring from another higher education institution or through internal mobility, in accordance with the legislation of Georgia and university regulations, has the right to study in the program.

Additional requirements: the intra-university prerequisite for admission to the program is the language competency test.

Programme Objectives

MD program to prepare's qualified, certifies doctors relevant to the international standards and competitive at the labor market, who understands the core values of the doctor (source - <https://physiciansfoundation.org/about/core-values/>), meets the requirement of the World Federation for Medical Education (WFME).

The programme objective is to ensure the graduates are able:

1. Knowledge Acquisition: To achieve comprehensive and up-to-date knowledge in basic biomedical, behavioral, clinical, and social sciences, ensuring a strong foundation for medical practice.
2. Skills Development: To develop clinical, analytical, and research competencies in medical and social sciences relevant to the level of education.
3. Lifelong Learning: To foster readiness and motivation for continuous learning and professional growth.
4. Public Health and Community Engagement: To participate and collaborate in improving public health through patient- and population-centered care, education, research, and community services, in accordance with current professional, ethical, and legal standards. Achievement is proved with using innovative assessment methods.

Structure of Educational Programme	
Mandatory courses	333 ECTS
Elective courses	27 ECTS
Supplementary programme ¹	-
Total	360 ECTS

Programme Learning Outcomes
Interprets systematically the fundamental issues of biomedical, behavioral, social, and clinical sciences during a clinical problem.
Based on the analysis of information (anamnesis) collected through effective communication in the medical environment (including in Georgian), gives advice to the patient/patient's relatives, communicates with colleagues and the public adhering to ethical and legal principles.
Makes the final diagnosis and discusses the disease management plan by conducting a physical evaluation, identifying the complexity of the clinical manifestation of the disease, scheduling appropriate appointments and conducting a differentiated diagnosis.
Provides first aid in accordance with age peculiarities, conducts BLS and ACLS according to age peculiarities and in accordance with guidelines.
Evaluates and selects an optimal disease management plan that includes both pharmacological therapy and proven, evidence-based non-pharmacological interventions (dietary and lifestyle modifications), taking into account their compatibility, potential adverse effects, and the patient's age-related characteristics.
Carries out mandatory medical practical procedures independently on the simulator or on the patient (under supervision), taking into account safety, adhering to ethical-legal principles.
Effectively solves clinical problems and makes decisions in critical situations, works effectively as a team member as well as a leader.
Conducts medical activities in a multicultural society using ethical and legal principles, adheres to the current norms of Georgian and international law.
Manages acute and chronic diseases, pain and distress, taking into account the patient's age, disease type, and psychological and social aspects.

Searches medical literature based on the principles of evidence-based medicine, draws conclusions based on critical analysis and evaluation, taking into account academic honesty and ethical context.
Effectively applies digital technologies and information systems in clinical decision-making, medical documentation, and communication with patients, including through telemedicine and remote consultation platforms, while maintaining confidentiality, protecting personal data, and complying with applicable legal requirements.
Designs and conducts biomedical / health sciences research in accordance with biomedical principles and contemporary medical advances, and analyses the obtained results based on a pre-established plan.
Updates knowledge lifelong and adapts to new environments by considering the role of physician in the healthcare sector.
Analyses and manages complex information to support public health and disease prevention, promotes the development of healthy behaviours and lifestyles at both individual and population levels, and demonstrates knowledge of the physician's role, authority, and responsibilities in public health and within the health care system.
To promote a healthy and employable population, performs duties with high professionalism and, in an interdisciplinary and multicultural environment, adheres to ethical norms, provides quality medical services from the position of a leader with decision-making ability.

Fields of employment
Medical activity as a junior doctor. The junior doctor performs the function of a doctor under the supervision and responsibility of a person granted the right to independent medical practice. (Law of Georgia on Medical Practice, June 8, 2001, Article 5) Pedagogical and scientific activities.

Additional information
For detailed information about the educational program, please, visit the following link - https://alte.edu.ge/ka/meditsina-qartulenovani-2

#	Studying components	prerequisite	EST	Hours	Lecture	Class Work	Practical Work	LAB	PBL	CBL	Midterm exam	Final Exam	CONTACT HOURS FORMULA	Independent Hours	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	
I. Compulsory Components																											
1	Body function and structure I		9	270	42	81		5	10		1	4	143	127	X												
2	BioMed Science I		8	240	42	54		4	10		1	2	113	127	X												
3	Doctor and Patient I		6	180	14	72				12	1	4	103	77	X												
4	Georgian I		4	120			60				3	4	67	53	X												
5	Acad Writing		3	90	14	18					2	3	37	53	X												
6	Body function and structure II	I 1	9	270	36	76		4	10		1	4	131	139		X											
7	BioMed Science II	I 2	9	270	42	54		4	10		1	2	113	157		X											
8	Doctor and Patient II	I 3	5	150	14	58				12	1	4	89	61		X											
9	Georgian II	I 4	4	120			60				3	4	67	53		X											
10	Research in Med I		3	90	14	19					1	2	36	54		X											
11	Body function and structure III	I 6	9	270	39	80		2	10		1	4	136	134			X										
12	BioMed Sciencelll	I 7	9	270	35	61		10	15		1	2	124	146			X										
13	Doctor and Patient III	I 8	5	150	14	58				12	1	4	89	61			X										
14	Georgian III	I 9	4	120			60				3	4	67	53			X										

15	Research in Med II	I 10	3	90	14	19					1	2	36	54			X										
16	Body function and structure IV	I 11	10	300	33	81		2	10		1	4	131	169				X									
17	BioMed Science IV	I 12	9	270	35	65			20		1	2	123	147				X									
18	Sociology		3	90	14	16					1	2	33	57				X									
19	Doctor and Patient IV	I 13	5	150	14	58				12	1	4	89	61				X									
20	Research in Med III	I 15	3	90	14	19					1	2	36	54				X									
21	Clinical physiology and Behavioral science	I 16 18 19	6	180	14	47			12		1	4	78	102					X								
22	Med informatic	I 19	3	90	14	19					1	2	36	54					X								
23	Public health I	I 18	5	150	14	45					1	2	62	88					X								
24	Basic pathology and Pharmacology	I 16 17	8	240	28	58		4	10		1	2	103	137					X								
25	Doctor and Patient V	I 16 17 19	8	240	14	86				10	1	4	115	125					X								
26	Public health II	I 23	5	150	14	45					1	2	62	88						X							
27	Organ based pathology and Pharmacology	I 24	8	240	28	58		4	10		1	2	103	137						X							
28	Doctor and Patient VI	I 25	9	270	28	86				10	1	4	129	141						X							
29	General surgery and clinical skills	I 19 24	5	150	14	44				6	2	4	70	80						X							

30	Public health III	I 26	5	150	14	45					1	2	62	88							X					
31	Interanl Medicine I	I 27 28	9	270	31	53	38			9	2	4	137	133							X					
32	Perioperative Medicine I	I 29	5	150	10	14	14			6	2	4	50	100							X					
33	Women's and Child's health I	I 27 28	8	240	30	50	28			12	3	4	127	143							X					
34	Interanl Medicine II	I 28	8	240	30	14	32			9	2	4	91	149								X				
35	Perioperative Medicine II	I 32	5	150	10	14	14			6	2	4	50	100								X				
36	Neurology	I 27 28	5	150	14	26	26			6	3	4	79	71								X				
37	Women's and Child's health II	I 33	9	270	20	30	28			12	2	4	96	174								X				
38	Interanl Medicine III	I 27 28	7	210	16	22	22			9	2	4	75	135									X			
39	Perioperative Medicine III	I 29 31	4	120	10	14	14			6	2	4	50	70									X			
40	Sensory medicine	I 28 29	6	180	16	24	25			12	2	4	83	97									X			
41	Management of Infections	I 34	5	150	10	14	14			6	2	4	50	100									X			
42	Psychiatry	I 21 36	4	120	10	14	14			6	2	4	50	70									X			
43	Interanl Medicine IV	I 27	8	240	26	41	41			9	2	4	123	117										X		

1	Healthcare Management	I 30	4	120	18	31					1	2	52	68									X			
2	Hospital Management	I 30	4	120	18	31					1	2	52	68									X			
3	Nutritiology	I 34	4	120	9	9	18			6	2	4	48	72											X	
4	Sexology	I 34 37	4	120	10	14	14			6	2	4	50	70											X	
5	Oncosurgery	I 39 43	5	150	10	14	14			6	2	4	50	70											X	
6	Angiosurgery	I 39	5	150	10	14	14			6	2	4	50	70											X	
7	Reproductology	I 37	5	150	12	26	17			9	2	4	70	80											X	
8	Low of Medicine	I 30	5	150	16	29					2	3	50	100											X	
9	General components	9 EST	9	225	95							15	110	115					X	X	X					

Note: The student can independently form an individual profile (program) taking into account the specifics of the elective components, as well as own future career interests and choose the required number of 18 credits from the elective courses of the main field of study in the respective semesters. From the general component, the student, according to his/her field of interest, can choose the courses from the respective semesters within 9 credits.