

**Medical Doctor Educational Programme Curriculum**  
(Modules, subjects with indication of relevant credits)

№	Course Code	Title of the training course / module	Prerequisite for admission	Credit / hour	Student teaching Load	
					Contact hours	Independent hours
		<b>I Semester</b>				
		<b>Compulsory Course</b>				
1.	MD001	Cell Biology (Cell Biology and Biochemistry)	N/A	6/150	75	75
2.	MD002	Body Systems I (Anatomy, Histology, Imaging)	N/A	8/200	89	111
3.	MD003	Biophysics and Medical Physics	N/A	4/100	45	55
4.	MD004	Foreign Language I <sup>1</sup>	N/A	4/100	47	53
5.	MD005	Clinical and Professional skills I	N/A	2/50	33	17
6.	MD006	Introduction to Information Technologies	N/A	2/50	33	17
		<b>Elective Courses</b>				
7.	MD007	Medical Chemistry	N/A	4/100	47	53
8.	MD008	Ecology	N/A	4/100	47	53
		<b>II Semester</b>				

<sup>1</sup> A person who possesses the Georgian language at the B1 level has the right to choose a learning course from another educational program of the university instead of the Georgian language learning courses, based on the prerequisites.

		<b>Compulsory Course</b>				
9.	MD009	Molecular Biology and Genetics	MD001	6/150	61	89
10.	MD010	Body Systems II (Anatomy, Histology, Imaging)	MD002	8/200	89	111
11.	MD011	Body Function I (Physiology, Biochemistry)	MD001 MD003	7/175	75	100
12.	MD012	Foreign Language II	MD004	4/100	47	53
13.	MD013	Clinical and Professional skills II	MD005	2/50	33	17
14.	MD014	Bioethics	N/A	3/75	31	44
		<b>III Semester</b>				
		<b>Compulsory Course</b>				
15.	MD015	Body Systems III (Anatomy, Histology, Imaging)	MD010	8/200	89	111
16.	MD016	Body Function II (Physiology, Biochemistry)	MD011	6/ 150	66	84
17.	MD017	Neuroscience	MD010 MD011	4/ 100	47	53
18.	MD018	Foreign Language III	MD012	4/100	47	53
19.	MD019	Clinical and Professional skills III	MD013	2/50	33	17
20.	MD020	Skills for Academic Study	N/A	3/75	33	42
21.	MD021	Public Health I	N/A	3/75	31	44
		<b>IV Semester</b>				
		<b>Compulsory Course</b>				
22.	MD022	Body systems IV (Anatomy, Histology, Imaging)	MD015	8/200	89	111
23.	MD023	Body function III (Physiology, Biochemistry)	MD016	7/175	75	100
24.	MD024	Immunology	MD009	5/ 125	49	76
25.	MD025	Clinical and Professional Skills IV (Communication Skills)	MD019	2/50	33	17
26.	MD026	Introduction to Psychology	N/A	2/50	31	19
27.	MD027	Research Skills I	MD020	4/100	47	53

		<b>Elective Courses</b>				
28.	MD028	Fundamentals of Philosophy	N/A	2/50	31	19
29.	MD029	History of Medicine	N/A	2/50	31	19
		<b>V Semester</b>				
		<b>Compulsory Course</b>				
30.	MD030	Pathology I (Pathology, Pharmacology)	MD022 MD023 MD024	8/200	92	108
31.	MD031	Methods of Diagnosis I (Physical Diagnosis, Radiology, Laboratory Medicine)	MD022, MD023	8/200	103	97
32.	MD032	Microbiology I (Microbiology, Pharmacology)	MD024	8/200	92	108
33.	MD033	Public health II	MD021	4/100	45	55
		<b>Elective Courses</b>				
34.	MD034	Cancer Biology	N/A	2/50	31	19
35.	MD035	Parasitology	N/A	2/50	31	19
		<b>VI Semester</b>				
		<b>Compulsory Course</b>				
36.	MD036	Pathology II (Pathology, Pharmacology)	MD030	8/200	92	108
37.	MD037	Methods of Diagnosis II (Physical Diagnosis, Radiology, Laboratory Medicine)	MD031	8/200	103	97
38.	MD038	Microbiology II (Microbiology, Immunology, Pharmacology)	MD032	8/200	92	108
39.	MD039	Surgery I (General)	MD031	4/100	51	49
40.	MD040	Public Health III	MD033	2/50	31	19
		<b>VII Semester</b>				
		<b>Compulsory Course</b>				
41.	MD041	Internal Medicine I	MD036 MD037	8/ 200	90	110

42.	MD042	Surgery II	MD039	4/100	47	53
43.	MD043	Research Skills II (Epidemiology and Biostatistics)	MD027	6/150	56	84
44.	MD044	Dermatology	MD037	4/100	43	57
45.	MD045	Pediatrics	MD037	6/150	70	80
46.	MD046	Clinical and Professional skills V	MD025	2/50	33	17
		<b>VIII Semester</b>				
		<b>Compulsory Course</b>				
47.	MD047	Internal Medicine II	MD041	8/200	89	111
48.	MD048	Surgery III	MD039	4/100	47	53
49.	MD049	Infectious Diseases	MD036 MD037 MD038	6/150	77	73
50.	MD050	Clinical and Professional skills VI	MD046	2/50	33	17
51.	MD051	Public Health IV	MD040	4/100	47	53
52.	MD052	Leadership in Healthcare	N/A	2/50	31	19
		<b>Elective Courses</b>				
53.	MD053	Tuberculosis	MD024 MD041	4/100	35	65
54.	MD054	Nutrition	N/A	4/100	35	65
		<b>IX Semester</b>				
		<b>Compulsory Course</b>				
55.	MD055	Internal Medicine III	MD047	4/100	45	55
56.	MD056	Neurology	MD036 MD037	7/175	77	98
57.	MD057	Surgery IV	MD039	7/175	105	70
58.	MD058	Surgery V	MD039	3/75	35	40
59.	MD059	Forensic Medicine	MD047	4/100	41	59

			MD048			
60.	MD060	Clinical and Professional skills VII	MD050	2/50	33	17
61.	MD061	Public Health V	MD051	3/75	33	47
		<b>X Semester</b>				
		<b>Compulsory Course</b>				
62.	MD062	Internal Medicine IV	MD055	8/200	85	115
63.	MD063	Psychiatry	MD056	4/100	53	47
64.	MD064	Surgery VI	MD058	3/75	41	34
65.	MD065	Clinical and Professional skills VIII	MD060	2/50	33	17
66.	MD066	Obstetrics and Gynaecology I (Obstetrics)	MD039 MD055	7/175	77	98
67.	MD067	Research Skills III (Evidence-Based Medicine)	MD043	2/50	31	19
		<b>Elective Courses</b>				
68.	MD068	Child Neurology	MD056	4/100	45	55
69.	MD069	Quality and Safety in Healthcare	N/A	4/100	43	57
		<b>XI Semester</b>				
		<b>Compulsory Course</b>				
70.	MD070	Internal Medicine V	MD062	6/150	65	85
71.	MD071	Surgery VII	MD037 MD039	4/100	45	55
72.	MD072	Medical Rehabilitation and Physical Therapy	MD056 MD058 MD062	4/100	43	57
73.	MD073	Clinical and Professional Skills IX	MD065	2/50	33	17
74.	MD074	Clinical Radiology	MD062 MD064	4/100	45	55
75.	MD075	Obstetrics and Gynaecology II (Gynaecology)	MD066	6/150	77	73

76.	MD076	Palliative Medicine	MD062	4/100	45	55
		<b>XII Semester</b>				
		<b>Compulsory Course</b>				
77.	MD077	Internal Medicine VI (Clinical Pharmacology)	MD070	4/100	44	56
78.	MD078	Surgery VIII	MD071	3/75	37	38
79.	MD079	Anesthesiology and Intensive Care	MD071	5/125	56	69
80.	MD080	Family Medicine and Geriatrics	MD070 MD071 MD075 MD076	4/100	61	39
81.	MD081	Clinical and Professional Skills X	MD073	4/100	61	39
82.	MD082	Research Skills IV	MD067	5/125	31	94
		<b>Elective Courses</b>				
83.	MD083	Reproductive Medicine	MD075	5/125	56	69
84.	MD084	Emergency Medicine	MD070 MD071	5/125	56	69