



Medical School

Medical Doctor (MD) Undergraduate Program

Study Plan

I Year												
I Semester												
Code	Module	Prerequisites	Subject	ECTS	ECTS/per subject	Total hours	Independent work hrs	Contact hours	Lecture	Practical	Assessment Hours	Assessment Structure
MDC0001	Core body systems I_Musculoskeletal System	N/A	Anatomy	10	4+2+2+2	300 (120+60+60+60)	152	133 (45+30+28+30)	15	30	15	*Integrated Tests – 2 Hours (2 Tests) *Mid-Term – 4 Hours (2 Hours MCQ/2 Hours Mini-OSPE) *Presentation – 3 Hours *Final – 6 Hours (2 Hours MCQ/4 Hours OSPE)
			Imaging						0	30		
			Physiology						14	14		
			Clinical Skills						0	30		
MDC0002	Biomedical Sciences I	N/A	Molecular Biology,	10	2+2+3+3	300 (60+60+90+90)	107	180 (45+45+45+45)	15	30	13	*Integrated Tests – 2 Hours (2 Tests) *Mid-Term – 4 Hours (2 Hours MCQ/2 Hours SAQ) *Presentation – 3 Hours *Final – 4 Hours (2 Hours MCQ/2 Hours SAQ)
			Genetics						15	30		
			Histology/Cytology/Embryology						15	30		
			Medical Biochemistry						15	30		
MDC0003	Medical English_Georgian I	N/A		2		60	24	30	0	30	6	*Mid-Term – 1 Hours (MCQ) *Presentation – 2 Hours *Final – 2 Hours (Oral Exam)
MDC0004	Professional Development I	N/A	Introduction to Health Care	4		120	54	60	0	60	6	*Mid-Term – 2 Hours (1 Hours MCQ/1 Hours SAQ) *Presentation – 2 Hours *Final – 2 Hours (1 Hours MCQ/1 Hours SAQ)
MDC0005	Medicine and Arts	N/A		2		60	25	30	0	30	5	*Mid-Term – 1 Hours (SAQ) *Presentation – 2 Hours *Final – 2 Hours (SAQ)
	Elective Block I	N/A		2		60	27	30	0	30	3	*Mid-Term – 1 Hours (MCQ/SAQ) *Final – 2 Hours (MCQ/SAQ)
Semester Total				30		900	389	463	89	374	48	
II Semester												
Code	Module	Prerequisites	Subject	ECTS	ECTS/per subject	Total hours	Independent work hrs	Contact hours	Lecture	Practical	Assessment Hours	Assessment Structure
MDC0006	Core body systems II_Cardiovascular System, Respiratory System	N/A	Anatomy	12	3+3+2+2+2	360	162	183 (45+60+18+30+30)	15	30	15	*Integrated Tests – 2 Hours (2 Tests) *Mid-Term – 4 Hours (2 Hours MCQ/2 Hours Mini-OSPE) *Presentation – 3 Hours *Final – 6 Hours (2 Hours MCQ/4 Hours OSPE)
			Physiology						30	30		
			Histology						6	12		
			Imaging						0	30		
			Clinical Skills						0	30		

MDC0007	Biomedical Sciences II	N/A	Cell Signaling	10	2+2+4+2	300	149	138 (30+33+45+30)	10	20	13	*Integrated Tests – 2 Hours (2 Tests) *Mid-Term – 4 Hours (2 Hours MCQ/2 Hours SAQ) *Presentation – 3 Hours *Final – 4 Hours (2 Hours MCQ/2 Hours SAQ)
			Genetics						11	22		
			Medical Biochemistry						15	30		
			Biophysics						0	30		
MDC0008	Medical English_Georgian II	Medical English_Georgian I		2		60	24	30	0	30	6	*Mid-Term – 1 Hours (MCQ) *Presentation – 2 Hours *Final – 2 Hours (Oral Exam)
MDC0009	Professional Development II	Professional Development I	Introduction to Healthcare ethics	2		60	24	30	0	30	6	*Mid-Term – 2 Hours (1 Hours MCQ/1 Hours SAQ) *Presentation – 2 Hours *Final – 2 Hours (1 Hours MCQ/1 Hours SAQ)
MDC0010	PBL I	Core body systems I, Biomedical Sciences I		2		60	27	30	0	30	3	*Mid-Term – 1 Hour (Case) *Final – 2 Hours (Case)
	Elective Block I			2		60	27	30	0	30	3	*Mid-Term – 1 Hours (MCQ/SAQ) *Final – 2 Hours (MCQ/SAQ)
Semester Total				30		900	413	441	87	354	46	
Year Total				60		1800	802	904	176	728	94	

II Year

III Semester

Code	Module	Prerequisites	Subject	ECTS	ECTS/per subject	Total hours	Independent work hrs	Contact hours	Lecture	Practical	Assessment Hours	Assessment Structure
MDC0011	Core body systems III_Gastrointestinal system, Endocrine and Reproductive Systems	Core body systems I	Anatomy	12	3+3+2+2+2	360	150	195 (45+60+30+30+30)	15	30	15	*Integrated Tests – 2 Hours (2 Tests) *Mid-Term – 4 Hours (2 Hours MCQ/2 Hours Mini-OSPE) *Presentation – 3 Hours *Final – 6 Hours (2 Hours MCQ/4 Hours OSPE)
			Physiology						30	30		
			Histology						10	20		
			Imaging						0	30		
			Clinical Skills						0	30		
MDC0012	Biomedical Sciences III	Biomedical Sciences I	Immunology	8	3+3+2	240	105	120 (45+45+30)	15	30	15	*Integrated Tests – 2 Hours (2 Tests) *Mid-Term – 4 Hours (2 Hours MCQ/2 Hours Mini-OSPE) *Presentation – 3 Hours *Final – 6 Hours (2 Hours MCQ/4 Hours OSPE)
			Microbiology						15	30		
			Medical Biochemistry						10	20		
MDC0013	Medical English_Georgian III	Medical English_Georgian II		2		60	24	30	0	30	6	*Mid-Term – 1 Hours (MCQ) *Presentation – 2 Hours *Final – 2 Hours (Oral Exam)
MDC0014	Professional Development III	Professional Development II	Health Communication Strategies and Skills_Basics of History Taking	3		90	44	40	0	40	6	*Mid-Term – 2 Hours (1 Hours MCQ/1 Hours SAQ) *Presentation – 2 Hours *Final – 2 Hours (1 Hours MCQ/1 Hours SAQ)

MDC0015	Society and Healthcare I	N/A	Introduction to Research	3		90	45	40	0	40	5	*Mid-Term – 2 Hours (1 Hours MCQ/1 Hours SAQ) *Presentation – 2 Hours *Final – 1 Hours (SAQ/Essay(literature review))
	Elective Block I			2		60	27	30	0	30	3	*Mid-Term – 1 Hours (MCQ/SAQ) *Final – 2 Hours (MCQ/SAQ)
Semester Total				30		900	395	455	95	360	50	

IV Semester

Code	Module	Prerequisites	Subject	ECTS	ECTS/per subject	Total hours	Independent work hrs	Contact hours	Lecture	Practical	Assessment Hours	Assessment Structure
MDC0016	Core body systems IV_Neurosciences	Core body systems II	Anatomy	12	3+3+2+2+2	360	161	185 (45+60+28+2+30)	15	30	14	*Integrated Tests – 2 Hours *Mid-Term - 3 Hours (Mini-OSPE) *Presentation – 3 Hours *Final – 6 Hours (OSPE)
			Physiology						30	30		
			Histology						7	21		
			Imaging						0	22		
			Clinical Skills						0	30		
MDC0017	Biomedical Sciences IV	Biomedical Sciences II	Immunology	8	3+3+2	240	109	117 (42+45+30)	14	28	14	*Integrated Tests – 2 Hours *Mid-Term - 3 Hours (Mini-OSPE) *Presentation – 3 Hours *Final – 6 Hours (OSPE)
			Microbiology						15	30		
			Medical Biochemistry						10	20		
MDC0018	Medical English_Georgian IV	Medical English_Georgian III		2		60	24	30	0	30	6	*Mid-Term – 1 Hours (MCQ) *Presentation – 2 Hours *Final – 2 Hours (Oral Exam)
MDC0019	Professional Development IV	Professional Development III	Professionalism in Medicine_Case-Based Review	2		60	24	30	0	30	6	*Mid-Term – 2 Hours (1 Hours MCQ/1 Hours SAQ) *Presentation – 2 Hours *Final – 2 Hours (1 Hours MCQ/1 Hours SAQ)
MDC0020	Society and Healthcares II	Society and Healthcares I	Epidemiology, Biostatistics, Preventive Medicine, and Public Health	2		60	25	30	0	30	5	*Mid-Term – 2 Hours (1 Hours MCQ/1 Hours SAQ) *Presentation – 2 Hours *Final – 1 Hours (SAQ/Essay(literature review))
MDC0021	PBL II	Core body systems II, Biomedical Sciences II		2		60	27	30	0	30	3	*Mid-Term – 1 Hour (Case) *Final – 2 Hours (Case)
	Elective Block I			2		60	27	30	0	30	3	*Mid-Term – 1 Hours (MCQ/SAQ) *Final – 2 Hours (MCQ/SAQ)
Semester Total				30		900	397	452	91	361	51	
Year Total				60		1800	792	907	186	721	101	

III Year												
V Semester												
Code	Module	Prerequisites	Subject	ECTS	ECTS/per subject	Total hours	Independent work hrs	Contact hours	Lecture	Practical	Assessment Hours	Assessment Structure
MDC0022	Mechanism of Diseases and Principles of Treatment I	Biomedical Sciences I-IV, Core body systems II-IV Medicine and Arts	General Pathology	9	5+4	270	115	140 (80+60)	30	50	15	*Integrated ongoing assesment - 2 Hours (2 sets of MCQ/SAQ) *Mid-Term - 4 hours Mini-OSPE *Presentation – 3 Hours *Final – 6 Hours (OSPE)
			General Pharmacology						30	30		
MDC0023	Introduction to Clinical Medicine I	Core body systems I-IV	Principles Physical Diagnosis	10	5+3+2	300	119	165 (75+60+30)	15	60	16	*Integrated ongoing assesment - 2 Hours (2 sets of MCQ/SAQ) *Mid-Term - 4 Hours (Mini-OSCE) *Presentation – 2 Hours (Clinical Case Discussion) *Final – 8 Hours (OSCE)
			Introduction to Surgery						15	45		
			Clinical Skills						0	30		
MDC0024	Clinical Communication_ English/Georgian I	Medical English_Georgian IV		2		60	24	30	0	30	6	*Mid-Term – 1 Hours (MCQ) *Presentation – 2 Hours *Final – 2 Hours (Oral Exam)
MDC0025	Professional Development V	Professional Development IV	Basics of quality improvement, patient safety and patient centered care	3		90	43	40	0	40	7	*Mid-Term – 2 Hours (1 Hours MCQ/1 Hours SAQ) *Presentation – 2 Hours *Final – 3 Hours (SAQ/Essay(literature review))
MDC0026	Society and Healthcares III	Society and Healthcares II	Public Health I_Social Determinants of health	4	2+2	120	64	50	0	30	6	*Mid-Term – 2 Hours (1 Hours MCQ/1 Hours SAQ) *Presentation – 2 Hours *Final – 2 Hours (Research Project)
			Foundations of Clinical Research Applications to Evidence-Based Practice						0	20		
	Elective Block I			2		60	27	30	0	30	3	*Mid-Term – 1 Hours (MCQ/SAQ) *Final – 2 Hours (MCQ/SAQ)
Semester Total				30		900	392	455	90	365	53	
VI Semester												
Code	Module	Prerequisites	Subject	ECTS	ECTS/per subject	Total hours	Independent work hrs	Contact hours	Lecture	Practical	Assessment Hours	Assessment Structure
MDC0027	Mechanism of Diseases and Principles of Treatment II	Mechanism of Diseases and Principles of Treatment I	System-based Pathology	9	5+4	270	120	135 (90+45)	30	60	15	*Integrated ongoing assesment - 2 Hours (2 sets of MCQ/SAQ) *Mid-Term - 4 hours Mini-OSPE *Presentation – 3 Hours *Final – 6 Hours (OSPE)
			System-based Pharmacology						15	30		
MDC0028	Introduction to Clinical Medicine II	Introduction to Clinical Medicine I	Principles Physical Diagnosis	11	6+3+2	330	149	165 (75+60+30)	15	60	16	*Integrated ongoing assesment - 2 Hours (2 sets of MCQ/SAQ) *Mid-Term - 4 Hours (Mini=OSCE) *Presentation – 2 Hours (Clinical Case Discussion) *Final – 8 Hours (OSCE)
			Introduction to Surgery						15	45		
			Clinical Skills						0	30		

MDC0029	Clinical Communication_ English/Georgian II	Clinical Communication_ English/Georgian I		2		60	24	30	0	30	6	*Mid-Term – 1 Hours (MCQ) *Presentation – 2 Hours *Final – 2 Hours (Oral Exam)
MDC0030	Professional Development VI	Professional Development V	Basics of healthcare system, healthcare quality and safety	2		60	24	30	0	30	6	*Mid-Term – 2 Hours (1 Hours MCQ/1 Hours SAQ) *Presentation – 2 Hours *Final – 2 Hours (1 Hours MCQ/1 Hours SAQ)
MDC0031	Society and Healthcare IV	Society and Healthcare III	Public Health II_ Environmental Determinants of Health	4	2+2	120	64	50	0	30	6	*Mid-Term – 2 Hours (1 Hours MCQ/1 Hours SAQ) *Presentation – 2 Hours *Final – 2 Hours (Research Project)
			Clinical Research Ethics						0	20		
MDC0032	PBL III	PBL II, Mechanism of Diseases and Principles of Treatment I, Introduction to Clinical Medicine I		2		60	27	30	0	30	3	*Mid-Term – 1 Hours (MCQ/SAQ) *Final – 2 Hours (MCQ/SAQ)
Semester Total				30		900	408	440	75	365	52	
Year Total				60		1800	800	895	165	730	105	

IV Year

VII Semester

Code	Module	Prerequisites	Subject	ECTS	ECTS/per subject	Total hours	Independent work hrs	Contact hours	Lecture	Practical	Assessment Hours	Assessment Structure
MDC0033	Internal Medicine I	Mechanism of Diseases and Principles of Treatment II, Introduction to Clinical Medicine II, CBL I	Disorders of the Cardiovascular System	14	6+4+4	420	206	200 (100+50+50)	20	80	14	*Mid-Term – 6 hours (3 sets mini-OSCE) *Final – 8 Hours (OSCE)
			Disorders of the Respiratory System						10	40		
			Disorders of the Kidney and Urinary Tract						10	40		
MDC0034	Emergency Medicine and critical Care	Introduction to Clinical Medicine II	Emergency Medicine and Critical Care Medicine	12	9+3	360	178	170 (140+30)	20	120	12	*Mid-Term – 4 hours (2 sets mini-OSCE) *Final – 8 Hours (OSCE)
			Clinical Skills						0	30		
MDC0035	Professional Development VII	Professional Development VI	Principles of Quality Improvement, Patient Safety and Patient Centered Care	2		60	24	30	0	30	6	*Mid-Term – 2 Hours (1 Hours MCQ/1 Hours SAQ) *Presentation – 2 Hours *Final – 2 Hours (SAQ/Essay)
	Elective Block II			2		60	27	30	0	30	3	*Mid-Term – 1 Hours (MCQ/SAQ) *Final – 2 Hours (MCQ/SAQ)
Semester Total				30		900	435	430	60	370	35	

VIII Semester												
Code	Module	Prerequisites	Subject	ECTS	ECTS/per subject	Total hours	Independent work hrs	Contact hours	Lecture	Practical	Assessment Hours	Assessment Structure
MDC0036	Internal Medicine II	Internal Medicine I	Disorders of the Gastrointestinal System	10	5+5	300	163	125 (75+50)	15	60	12	*Mid-Term – 4 hours (2 sets mini-OSCE) *Final – 8 Hours (OSCE)
			Endocrinology and Metabolism						10	40		
MDC0037	Surgery I	Introduction to Clinical Medicine II	Surgery	13	5+5+3	390	198	180 (75+75+30)	15	60	12	*Mid-Term – 4 hours (2 sets mini-OSCE) *Final – 8 Hours (OSCE)
			Orthopedics and Trauma						15	60		
			Clinical Skills						0	30		
MDC0038	Clinical Radiology I	Internal Medicine I, Emergency Medicine, Anesthesiology and critical Care		3		90	54	30	0	30	6	*Mid-Term – 2 hours (mini-OSCE) *Final – 4 Hours (OSCE)
MDC0039	Professional development VIII	Professional Development VII	Principles of quality systems in healthcare settings	2		60	24	30	0	30	6	*Mid-Term – 2 Hours (1 Hours MCQ/1 Hours SAQ) *Presentation – 2 Hours *Final – 2 Hours (1 Hours MCQ/1 Hours SAQ)
MDC0040	Integrated Clinical Reasoning Cases I	Internal Medicine I, Emergency Medicine, Anesthesiology and critical Care, PBL III		2		60	27	30	0	30	3	*Mid-Term – 1 Hours (MCQ/SAQ) *Final – 2 Hours (MCQ/SAQ)
Semester Total				30		900	466	395	55	340	39	
Year Total				60		1800	901	825	115	710	74	

V Year												
IX Semester												
Code	Module	Prerequisites	Subject	ECTS	ECTS/per subject	Total hours	Independent work hrs	Contact hours	Lecture	Practical	Assessment Hours	Assessment Structure
MDC0041	Internal Medicine III	Internal Medicine II	Infectious Diseases_Clinical microbiology	11	5+3+3	330	161	155 (75+40+40)	15	60	14	*Mid-Term – 6 hours (3 sets mini-OSCE/SAQ) *Final – 8 Hours (OSCE/SAQ)
			Immune-Mediated, Inflammatory, and Rheumatologic Disorders						10	30		
			Dermatology						10	30		
MDC0042	Conception, birth and early development	Internal Medicine II, Surgery I,	Obstetrics/Gynecology	13	5+5+3	390	198	180 (75+75+30)	15	60	12	*Mid-Term – 4 hours (2 sets mini-OSCE/SAQ) *Final – 8 Hours (OSCE/SAQ)
			Pediatrics						15	60		
			Clinical Skills						0	30		

MDC0043	Professional development IX	Professional Development VIII	Aspects of infection control in hospital and its impact on quality of care	2		60	24	30	0	30	6	*Mid-Term – 2 Hours (1 Hours MCQ/1 Hours SAQ) *Presentation – 2 Hours *Final – 2 Hours (1 Hours MCQ/1 Hours SAQ)
MDC0044	Society and Healthcarecare V	Society and Healthcarecare IV	Medical Epidemiology: Population Health and Effective Health Care	2		60	24	30	0	30	6	*Mid-Term – 2 Hours (1 Hours MCQ/1 Hours SAQ) *Presentation – 2 Hours *Final – 2 Hours (1 Hours MCQ/1 Hours SAQ)
	Elective Block II			2		60	27	30	0	30	3	*Mid-Term – 1 Hours (MCQ/SAQ) *Final – 2 Hours (MCQ/SAQ)
Semester Total				30		900	434	425	65	360	41	

X Semester												
Code	Module	Prerequisites	Subject	ECTS	ECTS/per subject	Total hours	Independent work hrs	Contact hours	Lecture	Practical	Assessment Hours	Assessment Structure
MDC0045	Psycho-Neurologic Disorders	Core body systems IV	Neurologic Disorders	9	6+3	270	133	125 (75+50)	15	60	12	*Mid-Term – 4 hours (2 sets mini-OSCE/SAQ)
			Psychiatry						10	40		*Final – 8 Hours (OSCE/SAQ)
MDC0046	Surgery II	Surgery I	Surgery	12	9+3	360	166	180 (150+30)	30	120	14	*Mid-Term – 6 hours (3 sets mini-OSCE/SAQ)
			Clinical Skills						0	30		*Final – 8 Hours (OSCE/SAQ)
MDC0047	Clinical Radiology II	Internal Medicine III, Clinical Radiology I, Surgery I		3		90	54	30	0	30	6	*Mid-Term – 2 hours (2 sets mini-OSCE/SAQ) *Final – 4 Hours (OSCE/SAQ)
MDC0048	Professional development X	Professional Development IX	Patient centered care and evidence-based approach to quality assurance in healthcare setting	2		60	24	30	0	30	6	*Mid-Term – 2 Hours (1 Hours MCQ/1 Hours SAQ) *Presentation – 2 Hours *Final – 2 Hours (1 Hours MCQ/1 Hours SAQ)
MDC0049	Society and Healthcare VI	Society and Healthcare V	Healthcare management and Economics_ Quality Insurance in Healthcare	2		60	24	30	0	30	6	*Mid-Term – 2 Hours (1 Hours MCQ/1 Hours SAQ) *Presentation – 2 Hours *Final – 2 Hours (1 Hours MCQ/1 Hours SAQ)
MDC0050	Integrated Clinical Reasoning Cases II	Internal Medicine, Conception, birth and early development, Integrated Clinical Reasoning Cases I		2		60	25	30	0	30	5	*Mid-Term – 2 Hour (Case) *Final – 3 Hours (Case)
Semester Total				30		900	426	425	55	370	49	
Year Total				60		1800	860	850	120	730	90	

VI Year												
XI Semester												
Code	Module	Prerequisites	Subject	ECTS	ECTS/per subject	Total hours	Independent work hrs	Contact hours	Lecture	Practical	Assessment Hours	Assessment Structure
MDC0051	Head and Neck	Surgery II, Clinical Radiology II, Internal Medicine III	ENT	10	3+4+3	300	166	120 (40+50+30)	10	30	14	*Mid-Term – 6 hours (3 sets mini-OSCE/SAQ) *Final – 8 Hours (OSCE/SAQ)
			Ophthalmology						10	40		
			Dentistry						0	30		
MDC0052	Internal Medicine IV	Internal Medicine III, Integrated Clinical Reasoning Cases I	Clinical Pharmacology,	4	2+2	120	59	50 (25+25)	5	20	11	*Mid-Term – 3 hours (mini-OSCE/SAQ) *Final – 8 Hours (OSCE/SAQ)
			Medical Genetics						5	20		
MDC0053	Forensic medicine and toxicology	Internal Medicine III, Integrated Clinical Reasoning Cases I		5		150	64	75	15	60	11	*Mid-Term – 3 hours (mini-OSCE/SAQ) *Final – 8 Hours (OSCE/SAQ)
MDC0054	Family Medicine I	Internal Medicine III, Integrated Clinical Reasoning Cases I		3		90	44	40	0	40	6	*Mid-Term – 2 hours (mini-OSCE/SAQ) *Final – 4 Hours (OSCE/SAQ)
MDC0055	Professional development XI	Professional Development X	Healthcare Law and ethics	2		60	24	30	0	30	6	*Mid-Term – 2 Hours (1 Hours MCQ/1 Hours SAQ) *Presentation – 2 Hours *Final – 2 Hours (1 Hours MCQ/1 Hours SAQ)
MDC0056	Society and Healthcarecare VII	Society and Healthcarecare VI	Community health for medical practitioners_Sociology of Health and disease	2		60	24	30	0	30	6	*Mid-Term – 2 Hours (1 Hours MCQ/1 Hours SAQ) *Presentation – 2 Hours *Final – 2 Hours (1 Hours MCQ/1 Hours SAQ)
	Elective Block II			2		60	27	30	0	30	3	*Mid-Term – 1 Hours (MCQ/SAQ) *Final – 2 Hours (MCQ/SAQ)
	Elective Block II			2		60	27	30	0	30	3	*Mid-Term – 1 Hours (MCQ/SAQ) *Final – 2 Hours (MCQ/SAQ)
Semester Total				30		900	435	405	45	360	60	
XII Semester												
Code	Module	Prerequisites	Subject	ECTS	ECTS/per subject	Total hours	Independent work hrs	Contact hours	Lecture	Practical	Assessment Hours	Assessment Structure
MDC0057	Internal Medicine V	Internal Medicine IV	Oncology and Hematology	10	5+5	300	138	150 (75+75)	15	60	12	*Mid-Term – 4 hours (2 sets mini-OSCE/SAQ) *Final – 8 Hours (OSCE/SAQ)
			Aging (Geriatrics) and Palliative care						15	60		
MDC0058	Rehabilitation and Sports Medicine	Surgery II		5		150	84	60	0	60	6	*Mid-Term – 2 hours (Mini-OSCE/SAQ) *Final – 4 Hours (OSCE/SAQ)

MDC0059	Family Medicine II	Family Medicine I		5		150	84	60	0	60	6	*Mid-Term – 2 hours (Mini-OSCE/SAQ) *Final – 4 Hours (OSCE/SAQ)
MDC0060	Professional development XII	Professional Development XI	Burnout management and selfcare	2		60	24	30	0	30	6	*Mid-Term – 2 Hours (1 Hours MCQ/1 Hours SAQ) *Presentation – 2 Hours *Final – 2 Hours (1 Hours MCQ/1 Hours SAQ)
MDC0061	Society and Healthcarecare VIII	Society and Healthcarecare VII	Global Health for medical practitioners	2		60	24	30	0	30	6	*Mid-Term – 2 Hours (1 Hours MCQ/1 Hours SAQ) *Presentation – 2 Hours *Final – 2 Hours (1 Hours MCQ/1 Hours SAQ)
MDC0062	Integrated Clinical Reasoning Cases III	Head and Neck, Internal Medicine IV, Forensic medicine and toxicology, Family Medicine I, Integrated Clinical Reasoning Cases II		2		60	25	30	0	30	5	*Mid-Term – 2 Hour (Case) *Final – 3 Hours (Case)
	Elective Block II			2		60	27	30	0	30	3	*Mid-Term – 1 Hours (MCQ/SAQ) *Final – 2 Hours (MCQ/SAQ)
	Elective Block II			2		60	27	30	0	30	3	*Mid-Term – 1 Hours (MCQ/SAQ) *Final – 2 Hours (MCQ/SAQ)
Semester Total				30		900	433	420	30	390	47	
Year Total				60		1800	868	825	75	750	107	

· MD Curriculum (partly integrated, with horizontal and vertical integr

ECTS	360
TOTAL HOURS	10800
INDEPENDENT HRS	5023
CONTACT HRS	5206
LECTURES (1hr)	837
PRACTICALS (2 hrs)	4369
ASSESSMENT HRS	571

Elective Block I										
I-VI Semesters										
Code	Subject	Prerequisites	ECTS	Total hours	Independent work hrs	Contact hours	Lecture	Practical	Assessment Hours	Assessment Structure
MDE0001	Chemistry I	N/A	2	60	27	30	0	30	3	*Mid-Term – 1 Hours (MCQ/SAQ) *Final – 2 Hours (MCQ/SAQ)
MDE0002	Chemistry II	Chemistry I	2	60	27	30	0	30	3	*Mid-Term – 1 Hours (MCQ/SAQ) *Final – 2 Hours (MCQ/SAQ)
MDE0003	Biology I	N/A	2	60	27	30	0	30	3	*Mid-Term – 1 Hours (MCQ/SAQ) *Final – 2 Hours (MCQ/SAQ)
MDE0004	Biology II	Biology I	2	60	27	30	0	30	3	*Mid-Term – 1 Hours (MCQ/SAQ) *Final – 2 Hours (MCQ/SAQ)
MDE0005	Introduction to Psychology	N/A	2	60	25	30	0	30	3	*Mid-Term – 1 Hours (MCQ/SAQ) *Final – 2 Hours (MCQ/SAQ)
MDE0006	Sociology I	N/A	2	60	27	30	0	30	3	*Mid-Term – 1 Hours (MCQ/SAQ) *Final – 2 Hours (MCQ/SAQ)
MDE0007	Sociology II	Sociology I	2	60	27	30	0	30	3	*Mid-Term – 1 Hours (MCQ/SAQ) *Final – 2 Hours (MCQ/SAQ)
MDE0008	Negotiations	N/A	2	60	27	30	0	30	3	*Mid-Term – 1 Hours (MCQ/SAQ) *Final – 2 Hours (MCQ/SAQ)
MDE0009	History of Medicine	N/A	2	60	27	30	0	30	3	*Mid-Term – 1 Hours (MCQ/SAQ) *Final – 2 Hours (MCQ/SAQ)
MDE0010	Academic Writing	N/A	2	60	27	30	0	30	3	*Mid-Term – 1 Hours (MCQ/SAQ) *Final – 2 Hours (MCQ/SAQ)
MDE0011	Principles of Management	N/A	2	60	27	30	0	30	3	*Mid-Term – 1 Hours (MCQ/SAQ) *Final – 2 Hours (MCQ/SAQ)
MDE0012	Medical Informatics	N/A	2	60	27	30	0	30	3	*Mid-Term – 1 Hours (MCQ/SAQ) *Final – 2 Hours (MCQ/SAQ)
MDE0013	Becoming a Researcher	Society And Healthcare I	2	60	27	30	0	30	3	*Mid-Term – 1 Hours (MCQ/SAQ) *Final – 2 Hours (MCQ/SAQ)
MDE0014	Professional Presentation	N/A	2	60	27	30	0	30	3	*Mid-Term – 1 Hours (MCQ/SAQ) *Final – 2 Hours (MCQ/SAQ)
MDE0015	Food And Health I	Biomedical Sciences IV	2	60	27	30	0	30	3	*Mid-Term – 1 Hours (MCQ/SAQ) *Final – 2 Hours (MCQ/SAQ)
MDE0016	Food And Health II	Food And Health I	2	60	27	30	0	30	3	*Mid-Term – 1 Hours (MCQ/SAQ) *Final – 2 Hours (MCQ/SAQ)
MDE0017	Fundamentals of Herbal Medicine	Biomedical Sciences IV	2	60	27	30	0	30	3	*Mid-Term – 1 Hours (MCQ/SAQ) *Final – 2 Hours (MCQ/SAQ)
MDE0018	Key population level health indicators and their monitoring	Society And Healthcare II	2	60	27	30	0	30	3	*Mid-Term – 1 Hours (MCQ/SAQ) *Final – 2 Hours (MCQ/SAQ)

Elective Block II										
VII-XII Semesters										
Code	Subject	Prerequisites	ECTS	Total hours	Independent work hrs	Contact hours	Lecture	Practical	Assessment Hours	Assessment Structure
MDE0019	Healthcare system and main vectors of diseases in Southeast Asian Region I - Histories of Health in Southeast Asia: Perspectives on the Long Twentieth Century	N/A	2	60	27	30	0	30	3	*Mid-Term – 1 Hours (MCQ/SAQ) *Final – 2 Hours (MCQ/SAQ)
MDE0020	Healthcare system and main vectors of diseases in Southeast Asian Region II - Neglected Tropical Diseases - South-East Asia	Healthcare system and main vectors of diseases in Southeast Asian Region I - Histories of Health in Southeast Asia: Perspectives on the Long Twentieth Century	2	60	27	30	0	30	3	*Mid-Term – 1 Hours (MCQ/SAQ) *Final – 2 Hours (MCQ/SAQ)
MDE0021	Healthcare system and main vectors of diseases in Southeast Asian Region III - Parasites and their vectors: A special focus on Southeast Asia	Healthcare system and main vectors of diseases in Southeast Asian Region II - Neglected Tropical Diseases - South-East Asia	2	60	27	30	0	30	3	*Mid-Term – 1 Hours (MCQ/SAQ) *Final – 2 Hours (MCQ/SAQ)
MDE0022	Healthcare system and main vectors of diseases in Southeast Asian Region IV - Climate Change and Human Health Scenario in South and Southeast Asia	Healthcare system and main vectors of diseases in Southeast Asian Region III - Parasites and their vectors: A special focus on Southeast Asia	2	60	27	30	0	30	3	*Mid-Term – 1 Hours (MCQ/SAQ) *Final – 2 Hours (MCQ/SAQ)
MDE0023	Healthcare system and main vectors of diseases in Southeast Asian Region V - Socio-Ecological Dimensions of Infectious Diseases in Southeast Asia	Healthcare system and main vectors of diseases in Southeast Asian Region IV - Climate Change and Human Health Scenario in South and Southeast Asia	2	60	27	30	0	30	3	*Mid-Term – 1 Hours (MCQ/SAQ) *Final – 2 Hours (MCQ/SAQ)
MDE0024	Healthcare system and main vectors of diseases in Southeast Asian Region VI - Chronic Non-communicable Diseases in Low and Middle-income Countries	Healthcare system and main vectors of diseases in Southeast Asian Region V - Socio-Ecological Dimensions of Infectious Diseases in Southeast Asia	2	60	27	30	0	30	3	*Mid-Term – 1 Hours (MCQ/SAQ) *Final – 2 Hours (MCQ/SAQ)

MD Programme Outcomes Map

Introduced	I
Practice/Further Development	P/D
Mastering	M

Subject List	Field knowledge	Consulting patients	Assess clinical presentations, order investigations, make differential diagnoses, and negotiate a	Providing first aid in emergency medical situations	Drug prescription	Performing Practical Procedures	Communicate effectively in a medical context	The use of Ethical and Legal Principles in Medical Practice	Evaluation of psychological and social aspects regarding patients' disease.	The use of knowledge, skills and principles based on evidence-based medicine	Use information and information technology effectively in a medical context	Ability to apply scientific principles, methods and knowledge to medical practice and research	Implementation of health promoting events, engage with public health care issues, efficient performance within	Professionalism
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>
Core body systems I	I			I		I						I		
Core body systems II	I			I		I						I		
Core body systems III	I			I		I						I		
Core body systems IV	I			I		I						I		
Biomedical Sciences I	I											I		
Biomedical Sciences II	I											I		
Biomedical Sciences III	I											I		
Biomedical Sciences IV	I											I		
Medical English_Georgian I							I							

Medical English_Georgian II								I						
Medical English_Georgian III								I						
Medical English_Georgian IV								I						
Clinical Communication_English/Georgian I	P							P						
Clinical Communication_English/Georgian II	P							P						
Professional Development I	I							I	I					I
Professional Development II	I								I					I
Professional Development III	I							I	I					I
Professional Development IV	I							I	I					I
Professional Development V	P							P	P					P
Professional Development VI	P													P
Professional Development VII	P							P	P					P
Professional Development VIII	P													P
Professional Development IX	M													M
Professional Development X	M													M
Professional Development XI	M													M
Professional Development XII	M													M
Medicine and Arts	I													I
PBL I											I	I		I
PBL II											I	I		I

PBL III										P	P			P
Integrated Clinical Reasoning Cases I			P		P					P	P			P
Integrated Clinical Reasoning Cases II			M		M					M	M			M
Integrated Clinical Reasoning Cases III			M		M					M	M			M
Society and Healthcare I	I									I	I	I		I
Society and Healthcare II	I									I	I	I		I
Society and Healthcare III	P									P	P	P	I	P
Society and Healthcare IV	P									P	P	P	I	P
Society and Healthcare V	M									M	M	M	P	M
Society and Healthcare VI	M									M	M	M	P	M
Society and Healthcare VII	M									M	M	M	M	M
Society and Healthcare VIII	M									M	M	M	M	M
Mechanism of Diseases and Principles of Treatment I	P				P									
Mechanism of Diseases and Principles of Treatment II	P				P									
Introduction to Clinical Medicine I	P	P				P	P							P
Introduction to Clinical Medicine II	P	P				P	P							P
Internal Medicine I	I	I	I		I	I	I	I	I					I
Internal Medicine II	P	P	P		P	P	P	P	P					P
Internal Medicine III	P	P	P		P	P	P	P		P				P
Internal Medicine IV	M		M		M		M		M					M

Internal Medicine V	M	M	M		M	M	M	M	M					M
Emergency Medicine, Anesthesiology and critical Care	P		P	P		P	P	P		P	P			P
Surgery I	P	P	P	P	P	P	P	P		P	P			P
Surgery II	M	M	M	M	M	M	M	M		M	M			M
Clinical Radiology I	P					P	P				P			P
Clinical Radiology II	M					M	M				M			M
Conception, birth and early Development	P	P	P			P	P	P	P	P				P
Psycho-Neurologic Disorders	M	M	M		M	M	M	M						M
Head and Neck	M	M	M		M	M	M	M		M	M			M
Forensic medicine and toxicology	M					M		M						M
Family Medicine I	M	M	M		M	M	M	M	M	M			M	M
Family Medicine II	M	M	M		M	M	M	M	M	M			M	M
Rehabilitation and Sports Medicine	M	M				M	M							M

Relation of Programme Objectives to Learning Outcomes/General Competencies

Programme Objectives	Knowledge and Understanding	Skills	Responsibility and Autonomy
To prepare graduates with modern knowledge in Biomedical, Clinical and Social sciences	√		
To ensure graduates with relevant research and clinical skills		√	
To develop high ethical values and professional attitudes, effective communication with colleagues and patients	√	√	√
To inspire graduates with awareness of continuous improvement of their knowledge and further development of relevant skills		√	√
To enhance the wellbeing of the society through health promotion and disease prevention	√		√

Competencies/Learning Outcomes

Generic Competencies

Generic Competencies	
Knowledge and Understanding	<p>The graduates will be able to:</p> <ul style="list-style-type: none">· Demonstrate comprehensive knowledge of the field-specific subjects, theoretical principles and research methodology used in the medicine;· Critical approach to new information;· Analyze and integrate different information and make relevant conclusions that serves as a basis for further self-development.
Skills	<p>The graduates will possess the following skills:</p> <ul style="list-style-type: none">· Ability to resolve complex problems in multidisciplinary team using the latest information;· Conducting research using appropriate and updated methodology;· Usage collected information in his/her professional activities;· Time-management skills - effectively plan the resources related to expected activities and to be responsible for the work done;· Usage the full spectrum of education and information resources;· Participate in meetings and communicate own opinions verbally and in writing;· Following the ethical and legal principles in the context of medicine, be able to protect the rights of the patient;· Conduct negotiations within a professional context and participate in conflict resolution with any person, regardless of its social, cultural, religious or ethnic background;· Communication with the colleagues and patients following the principles of justice, social and democratic values.
Responsibility and Autonomy	<p>The graduates will be able to:</p> <ul style="list-style-type: none">· Adapting working in a team· Effectively plan the resources related to expected activities;· To be responsible for the work done;· Understand the necessity of staying up-to-date with self-learning;· Ability to lead a team as well as professional subordination/adaptation and utilization of new knowledge.

Field-specific competencies

1. Field knowledge	<ul style="list-style-type: none">· Comprehensive knowledge of biomedical, clinical and social sciences;· Comprehensive knowledge of principles of diagnosis and treatment;· Deep knowledge of health promotion and disease prevention;· Deep knowledge of behavioral sciences and medical ethics.
2. Consulting patients	<ul style="list-style-type: none">· Taking patient's history;· Performing physical examination;· Assessment patient's mental status;· Making appropriate clinical decisions;· Providing relevant explanation, support and advice.
3. Assess clinical presentations, order investigations, make differential diagnoses, and negotiate a management plan	<ul style="list-style-type: none">· Recognize and assess the severity of clinical presentations;· Order appropriate investigations and interpret the results;· Make differential diagnosis;· Demonstrate effective clinical problem solving and judgement to address patient problems, including interpreting available data and integrating information to generate differential diagnoses and management plan;· Negotiate an appropriate management plan with patients and their family members;· Provide care of a dying patient and his family members;· Manage chronic illness; Consider the patients' age, the nature of chronic disease, psychological impact, appropriate use of drugs in relevant way while managing the chronic diseases.

<p>4. Providing first aid in emergency medical situations</p>	<ul style="list-style-type: none"> · Identifying and assessing the emergency medical conditions; · Treatment of emergency medical conditions; · Providing basic first aid; age peculiarities in newborns and children; · Conducting the basic life support and cardiopulmonary resuscitation activities in compliance with current guidelines; · Provide advanced life support according to current guidelines; · Conducting the activities for enhance lifetime maintenance in accordance with the guidelines; · Treatment traumas according to current guidelines.
<p>5. Drug prescription</p>	<ul style="list-style-type: none"> · Prescribe drugs clearly and properly with consideration of patient's age; · Match appropriate drugs with clinical context; · Review appropriateness of drugs and other therapies and evaluate potential benefits and risks for the patient; · Provide patients with appropriate information about their medicines. · Treat pain and distress; · Consider compatibility of drugs before initiation of treatment; · Detect and report possible drug-drug interactions and adverse drug reactions.
<p>6. Performing Practical Procedures</p>	<ul style="list-style-type: none"> · Vital Signs: Pulse, respiration, temperature; · Measure Blood pressure; · Venipuncture (using simulator); · Venous Catheterization (using simulator); · Drug injection into the vein and us of infusion device (using simulator) · Subcutaneous and intramuscular injection (using simulator or giving to patient under supervision); · Oxygen therapy; · Patient Transportation and Treatment;

	<ul style="list-style-type: none"> · Suturing (using simulator); · Urinary Catheterization (using simulator) · Urinalysis (Screening Tests–Dipstick); · Electrocardiography; · Electrocardiography Interpretation; · Performing Respiratory Function Test.
<p>7. Communicate effectively in a medical context</p>	<ul style="list-style-type: none"> · Communicate with patient; · Communicate with colleagues; · Communicate in breaking bad news; · Communicate with patient’s relatives; · Communicate with disabled peoples; · Communication in seeking informed consent; · Written communication (Including the medical records); · Communicate in dealing with aggression; · Communicate with those who require an interpreter; · Communicate with law enforcement agencies and mass media; · communicate with any person regardless of his/her social, cultural, religious and ethnic background; · Use patient-centred interviewing skills to effectively gather relevant biomedical and psychosocial information; · Use communication skills and strategies that help patients and theirmfamilies make informed decisions regarding their health.

<p>8. The use of Ethical and Legal Principles in Medical Practice</p>	<ul style="list-style-type: none"> · Maintain confidentiality; · Apply ethical principles and analytical skills to clinical care; · Obtain and record informed consent; · Issuing death certificate; · Requiring autopsy (in compliance with the Georgian Legislation); · Apply Georgian and international legislation during treatment; · Conducting medical practice in multi-cultural environment; · Respect the rights and dignity of patients, including the right of participation in decision making regarding the medical aid.
<p>9. Evaluation of psychological and social aspects regarding patients' disease.</p>	<ul style="list-style-type: none"> · Evaluating the psychological factors of disease detection and impacts on the patients; · Evaluating the social factors of disease detection and impacts on the patients; · Recognition of the stress related to disease; · Recognition of the drug and alcohol abuse; · Demonstrating the patient oriented skills while interviewing for gathering the psychosocial and biomedical information · Considering the patients' nonverbal behaviors for detecting the psychosocial factors related to the disease.
<p>10. The use of knowledge, skills and principles based on evidence-based medicine</p>	<ul style="list-style-type: none"> · Apply evidence in practice; · Carry out an appropriate literature search; · Critical analysis of the published literature, making conclusion and using them in practice; · The active use of evidences obtained through different literature sources and making the conclusions regarding the health conditions of patient on the basis of assessing the level of evidence.

<p>11. Use information and information technology effectively in a medical context</p>	<ul style="list-style-type: none"> · Keep accurate and complete clinical records · Use information technology in medical practice · Access specific information sources; · Store and retrieve information; · Keep personal records (portfolio); · Follow the requirements of confidentiality and data protection legislation; · Apply the principles, methods and knowledge of health informatics to medical practice.
<p>12. Ability to apply scientific principles, methods and knowledge to medical practice and research</p>	<ul style="list-style-type: none"> · Knowledge of research methodology; · Research designing, planning, result processing and conclusion-making skills; · Ability to use the achievements of biomedicine in practice; · Report/review writing skills based on critical analysis of the research literature in biomedicine; · The awareness of ethics of conducting scientific research.
<p>13. Implementation of health promoting events, engage with public health care issues, efficient performance within the health care system</p>	<ul style="list-style-type: none"> · Conducting the treatment that minimizes the risk of damage to the patient; · Implement measures for the prevention of infection spread; · Understanding ones' own health problems and evaluating ones' own health with regard to professional responsibilities; · Participation in health promotion events both on individual and population-wide level; · Demonstrating the leadership skills for the improvement of healthcare system; · Facilitating the changes in healthcare system for strengthening the services and improving the results;

- Working with patients and their families for enhancing the healthy behaviors
- Contributing to the improvement of community and population health.

Professional attributes

- Probity, honesty, ethical commitment
- Commitment to maintaining good practice, concern for quality
- Critical and self-critical abilities, reflective practice
- Empathy
- Creativity
- Initiative, will to succeed
- Interpersonal skills
- Leadership skills

Professional working

- Ability to recognize limits and ask for help
- Ability to work autonomously when necessary
- Ability to solve problems
- Ability to make decisions
- Ability to work in a multidisciplinary team
- Ability to communicate with experts in other disciplines

- Ability to lead others
- Capacity to adapt to new situations
- Capacity for organisation and planning (including time management)

The doctor as expert

- Capacity for analysis and synthesis
- Capacity to learn (including lifelong self-directed learning)
- Capacity for applying knowledge in practice
- Ability to teach others
- Research skills

The global doctor

- Appreciation of diversity and multiculturalism
- Understanding of cultures and customs of other countries
- Ability to work in an international context
- Knowledge of a second language
- General knowledge outside medicine