HUMAN BODY STRUCTURE AND FUNCTION

1st year

I Semester

Modules	Prerequisites	ECTS	ECTS/per subject	Total hours	Independ ent work hrs	Contact hours	Lecture/Practical
Body Systems I Locomotor and Integumentary Systems Anatomy Physiology Imaging	N/A	10	4+4+2	300 (120+120+60)	190	105 (45+45+15)	15/30 Anatomy, 15/30 Physiology, 5/10 Imaging
Gene, Cell and Tissue I Molecular Biology Biochemistry Medical Genetics Histology&Embriology	N/A	12	3+3+3+3	360 (90+90+90+90)	175	180 (45+45+45+45)	15/30 Molecular Biology, 15/30 Bochemistry, 15/30 Medical Genetics, 15/30 Histology&Embriology
Clinical and Professional Skills	N/A	2	2	60	25	30	0/30
Medical English I/Georgian I (A1)	N/A	4	4	120	56	64	0/60
Electives Medical Physics MEDICAL SOCIOLOGY	N/A	2	2	60	25	30	10/20 10/20
GERMAN LANGUAGE I (A1.1.)		2	2	60	27	33	0/30

Subtotal	30	30	900	470	405	Without Gernan 105/300
						With German 95/310

II Semester

Modules	Prerequisites	ECTS	ECTS/per subject	Total hours	Independ ent work hrs	Contact hours	Lecture/Practical
Body Systems II Cardiovascular and Respiratory Systems Anatomy Physiology Imaging	Body Systems I	10	4+4+2	300 (120+120+60)	190	105 (45+45+15)	15/30 Anatomy, 15/30 Physiology, 5/10 Imaging
Gene, Cell and Tissue II Molecular Biology Biochemistry Medical Genetics Histology&Embriology	Gene, Cell and Tissue I	10	2+3+2+3	300 (60+90+60+90)	145	150 (30+45+30+45)	10/20 Molec.Biology, 15/30 Biochem, 10/20 Med.Genetics, 15/30 Hist.Embr.
Clinical and Professional Skills	Clinical and Professional Skills I	2	2	60	25	30	0/30
Scientific Reasoning I	N/A	2	2	60	25	30	10/20
Medical English II/Georgian II (A2)	Medical English/Georgian	4	4	120	56	64	0/60
Electives History of Medicine	N/A	2	2	60	25	30	10/20
MEDICAL MATERIALS							10/20
GERMAN LANGUAGE II (A1.2)	GERMAN LANGUAGE I	2	2	60	27	33	0/30

Subtotal	30	30	900	466	405	Without Gernan 105/300 With German 95/310
Total	60	60	1800	935	810	Without Gernan 210/600 With German 190/620

2nd year

III Semester

Modules	Prerequisites	ECTS	ECTS/per subject	Total hours	Independ ent work hrs	Contact hours	Lecture/Practical
Body Systems III Digestive (GI, Liver, Nutrition) System, Hematology Anatomy Physiology Imaging	Body Systems II	10	4+4+2	300 (120+120+60)	190	105 (45+45+15)	15/30 Anatomy, 15/30 Physiology, 5/10 Imaging
Gene, Cell and Tissue III Histology&Embriology Immunology Biophysics Biochemistry	Gene, Cell and Tissue II	11	3+3+3+2	330 (90+90+90+60)	145	180 (45+45+45+45)	15/30 Hist.&Embr, 15/30 Immun, 15/30 Biophys 15/30 Biochemistry
Medicine and Society I Introduction to Public Health	N/A	3	3	90	40	45	15/30
Clinical and Professional Skills	Clinical and Professional Skills II	2	2	60	17	43	8/30
Electives Cancer Biology	Body Systems II	2	2	60	25	30	10/20
Enzymology	Body Systems II						
Georgian Language III (B1.1)	Georgian Lanuage II	4	4	120	56	64	0/60
German Language III (A2)	German Language II	4	4	120	57	63	0/60
Subtotal		30	30	900	447	428	128/300
				IV Seme	ester		
Modules	Prerequisites	ECTS	ECTS/per subject	Total hours	Independ ent work hrs	Contact hours	Lecture/Practical

Body Systems IV Endocrine, Renal and Reproductive systems Anatomy Physiology Imaging	Body Systems III	10	4+4+2	300 (120+120+60)	190	105 (45+45+15)	15/30 Anatomy, 15/30 Physiology, 5/10 Imaging
Gene, Cell and Tissue IV Immunology Microbiology	Gene, Cell and Tissue III	8	4+4	240 (120+120)	145	90 (45+45)	15/30 Immunology, 15/30 Microbiology
Medicine and Society II Introduction to Public Health	Medicine and Society I	4	4	120	63	52	12/40
Clinical and Professional Skills IV	Clinical and Professional Skills III	2	2	60	17	43	8/30
Scientific Reasoning II	Scientific Reasoning I	2	2	60	25	30	10/20
Electives Nanomedicine Philosophy	N/A	2	2	60	25	30	10/20
Georgian Language IV (B1.2)	Georgian Lanuage III	4	4	120	56	64	0/60
German Language IV (B1.1)	German Language III	4	4	120	57	63	0/60
Subtotal		30	30	900	495	375	105/270
Total		60	60	1800	942	803	233/570

MECHANISMS OF HEALTH AND DISEASE

	3rd year									
V Semester										
Modules	Prerequisites	Prerequisites ECTS ECTS/per subject Total hours Independ ent work Contact hours Lecture/Practical								

Introduction to Clinical Diagnostics I Physical Diagnosis	Clinical and Professional Skills III	8	8	240	155	75	15/60
Brain, Mind and Behavior Neuroanatomy Neurophysiology Imaging Behavioral Medicine	Body Systems I	12	12 (4+3+2+3)	360 (120+90+60+9 0)	185	170 (50+45+30+45)	20/30 Neuroan 15/30 Neurophys 10/20/Imaging, 15/30 Behavior. Medicine
Basis of Disease and Treatment I Basic Pathology Basic Pharmacology	Body Systems IV	8	8 (4+4)	240 (120+120)	145	90 (45+45)	15/30 Basic Pathology, 15/30 Basic Pharmac.
Clinical and Professional Skills V Clinical reasoning	Clinical and Professional Skills IV	2	2	60	25	30	0/30
Subtotal		30	30	900	510	365	105/260

VI Semester

Modules	Prerequisites	ECTS	ECTS/per subject	Total hours	Independ ent work hrs	Contact hours	Lecture/Practical
Introduction to Clinical Diagnostics II Physical Diagnosis Clinical Skills	Introduction to Clinical Diagnostics I	10	10 (8+2)	300 (240+60)	200	90 (60+30)	15/45 Phys.Diagn. 0/30 Clin.Skills
Basis of Disease and Treatment II Basic Pathology Basic Pharmacology	Basis of Disease and Treatment I	8	8 (4+4)	240 (120+120)	145	90 (45+45)	15/30 Basic Pathology, 15/30 Basic Pharmac.
Medicine and Society III	Medicine and Society II	4	4	120	63	52	12/40
Clinical and Professional Skills VI Clinical reasoning Professional skills	Clinical and Professional Skills V	4	4 (2+2)	120 (60+60)	55	60 (30+30)	0/30 Clin.reasoning 10/20 Prof.skills
Scientific Reasoning III	Scientific Reasoning II	2	2	60	25	30	10/20

major filed of study) Pain Management	Basis of Diseases and Treatment I	2	2	60	25	30	10/20
Medical Management							
(elective course of major filed	N/A						
of study)							
Subtotal		30	30	900	513	352	87/265
Total		60	60	1800	1023	702	192/525

CORE CLERKSHIPS

4th year

VII Semester

Modules	Prerequisites	ECTS	ECTS/per subject	Total hours	Independ ent work hrs	Contact hours	Lecture/Practical
Internal Medicine Clerkship I Cardiology Pulmonology Nephrology	Basis of Disease and Treatment II Clinical and Professional Skills III	8	8 (3+3+2)	240 (90+90+60)	120	108 (36+36+36)	6/30 Card, 6/30 Pulm, 6/30 Nephro.
Surgery Clerkship I General Surgery Urology	Basis of Disease and Treatment II Clinical and Professional Skills II	6	6 (4+2)	180 (120+60)	91	77 (44+33)	4/40 Surg, 3/30 Urol,
Pediatrics Clerkship I	Basis of Disease and Treatment II	5	5	150	72	66	6/60
Ob/Gyn Clerkship I	Basis of Disease and Treatment II	5	5	150	72	66	6/60
Clinical and Professional Skills VII	Clinical and Professional Skills VI	4	4 (2+2)	120 (60+60)	48	60 (30+30)	0/30 Clin.skills, 10/20 Prof.skills
Systems Biology (elective)	Gene, Cell and Tissue IV	2	2	60	25	30	10/20
Synthetic Biology (elective) Subtotal	N/A	30	30	900	428	407	57/350
							0.7000

	VIII Semester										
Modules	Prerequisites	ECTS	ECTS/per subject	Total hours	Independ ent work hrs	Contact hours	Lecture/Practical				
Internal Medicine Clerkship II Gastroenterology, Hepatology, Endocrinology & Metabolic Disorders	Internal Medicine Clerkship I Clinical and Professional Skills IV	8	8 (3+2+3)	240 (90+60+90)	100	128 (68+24+36)	8/60 Gastro, 4/20 Hepat, 6/30 Endo.				
Surgery Clerkship II	Surgery Clerkship I Clinical and Professional Skills IV	5	5	150	72	66	6/60				
Family Medicine Clerkship I Outpatients'Primary Care	Medicine and Society III Brain, Mind and Behavior Internal Medicine Clerkship I	4	4	120	64	44	4/40				
Clinical Radiology	Body Systems IV Brain, Mind and Behavior	4	4	120	64	44	4/40				
Medicine and Society IV	Medicine and Society III	4	4	120	67	48	8/40				
Scientific Reasoning IV	Scientific Reasoning III	3	3	90	49	36	6/30				
Laborratory Medicine (elective course of major filed of study)	Introduction to Clinical Diagnostics II	2	2	60	25	30	10/20				
Clinical Nutrition (elective course of major filed of study)	Basis of Disease and Treatment II						,				
Subtotal		30	30	900	441	396	56/340				
Total		60	60	1800	869	803	113/690				

5th year

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Modules	Prerequisites	ECTS	ECTS/per subject	Total hours	Independ ent work hrs	Contact hours	Lecture/Practical
Internal Medicine Clerkship III Rheumatology Clinical Immunology Dermatology	Internal Medicine Clerkship II	8	8 (3+2+3)	240 (90+60+90)	118	110 (40+30+40)	10/30 Rheum, 10/20 Clin.imun, 10/30 Dem.
Surgery Clerkship III ENT Opthalmology Stomatology	Surgery Clerkship II Clinical and Professional Skills II	6	6 (2+2+2)	180 (60+60+60)	60	108	6/30 ENT, 6/30 opthalmology, 6/30 Stomatology
Emergency Medicine and Intensive Care Clerkship I	Internal Medicine Clerkship II	4	4	120	72	36	6/30
Infectious Diseases Clerkship I Infectious Diseases, Clinical Microbiology, Immunology of Communicable Diseases	Basis of Disease and Treatment II	8	8 (4+2+2)	240 (120+60+60)	118	110 (50+30+30)	10/40 Inf.Dis, 10/20 Clin Mic. 10/20 Im of Com.Dis
Clinical an Professional Skills VIII	Clinical and Professional Skills VII	4	4 (2+2)	120 (60+60)	48	60 (30+30)	0/30 Clin.skills, 10/20 Prof.skills
Subtotal		30	30	900	416	424	94/330

X Semester

Modules	Prerequisites	ECTS	ECTS/per subject	Total hours	Independ ent work hrs	Contact hours	Lecture/Practical
Internal Medicine Clerkship IV Oncology Hematology Clinical Genetics	Internal Medicine Clerkship III	7	7 (3+2+2)	210 (90+60+60)	93	105 (45+30+30)	15/30 Onc , 10/20 Hemat. 10/20 Med.Gen.
Neurology Clerkship Psychiatry Neurology	Brain, Mind and Behavior Introduction to Clinical Diagnostics II	8	8 (4+4)	240 (120+120)	128	100 (50+50)	10/40 Neurol, 10/40 Psychiatr

Family Medicine Clerkship II	Family Medicine Clerkship I Clinical and Professional Skills VIII	4	4	120	64	44	4/40
Rehabilitation Medicine Clerkship	Internal Medicine Clerkship III	3	3	90	38	40	10/30 Rehab.
Forensic Medicine and Medical Toxicology	Basis of Disease and Treatment II	4	4	120	64	44	4/40
Clinical an Professional Skills	Clinical and Professional Skills VIII	2	2	60	18	30 (15+15)	0/15 Clin.skills, 0/15 Prof.skills
Allergy Medicine (elective course of major filed of study)	Basis of Disease and Treatment II	2	2	60	25	30	10/20
Clinical Psychology (elective course of major filed of study)	Brain, Memory, Behavior						
Subtotal		30	30	900	430	393	83/310
Total		60	60	1800	846	817	177/640

ADVANCED CLERKSHIPS

6th	year
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XI Semester

Modules	Prerequisites	ECTS	ECTS/per subject	Total hours	Independ ent work hrs	Contact hours	Lecture/Practical
Medical Leadership	Brain, Mind and Behavior	2	2	60	12	36	6/30
Health Communication	Internal Medicine Clerkship IV Clerkship Surgery Clerkship III	4	4	120	64	44	4/40
Geriatrics and Palliative Care Clerkship	Infectious Diseases Clerkship I Family Medicine I	5	5	150	72	66	6/60

Obstetrics/Gynecology Clerkship II	Ob/Gyn Clerkship I	5	5	150	72	66	6/60
Family Medicine Clerkship III	Family Medicine Clerkship	6	6	180	96	72	6/66
Clinical an Professional Skills X	Clinical and Professional Skills IX	4	4 (2+2)	120 (60+60)	48	60 (30+30)	0/30 Clin.skills, 10/20 Prof.skills
Precision Medicine (elective course of major filed of study)	Basis of Disease and Treatment II	4	4	120	55	60	20/40
Clinical Technologies (elective course of major filed of study)	N/A						
Subtotal		30	30	900	343	404	58/346
							·
			ECTS/per	XII Seme	ester Independ		
Modules	Prerequisites	ECTS	subject	Total hours	ent work hrs	Contact hours	Lecture/Practical
Surgery Clerkship IV	Surgery Clerkship III Neurology Clerkship	3	3	90	27	51	6/45
Emergency Medicine and Intensive Care Clerkship II	Emergency Medicine and Intensive Care Clerkship I	5	5	150	72	66	6/60
Infectious Diseases Clerkship II	Infectious Diseases Clerkship I	5	5	150	72	66	6/60
Clinical an Professional Skills XI	Clinical and Professional Skills X	4	4 (2+2)	120 (60+60)	48	60	0/30 Clin.skills, 10/20 Prof.skills
Internal Medicine Clerkship V Internal Medicine	Internal Medicine Clerkship IV	6	6 (4+2)	180 (120+60)	66	102 (66+36)	6/60 Intern Med, 6/30 Clin.Pharm,

Pediatrics Clerkship II	Pediatrics Clerkship I	3	3	90	30	48	8/40
study)	Brain, Mind and Behavior	4	4	120	55	60	20/40
Narcology (elective course of major filed of study)	Brain, Mind and Behavior						
Subtotal		30	30	900	343	453	68/385
Total		60	60	1800	686	857	126/731

	6 year N	1D Curriculum (partly in	egrated, with horisontal a	nd vertical integration)
ECTS	360	360		
TOTAL HOURS	10800	10800		
INDEPENDENT HRS	5404	5404		
CONTACT HRS	4807	4807		
LECTURES (1hr)	1051	1031		
PRACTICALS (2 hrs)	3756	3776		
ASSESMENT HRS	589	589		

I Phase - HUMAN BODY STRUCTURE AND FUNCTION - I-II yrs

II Phase - MECHANISMS OF HEALTH AND DISEASE III yr

III Phase - Core Clinical Clerkships - IV-V yrs

IV Phase - Advanced Clinical Clerkships - VI yr

Assessment MCQ/Short Answer Questions Total 5 Hours MCQ/Short Answer Questions Total 5 Hours Short Answer Questions/OSCE Total 5 Hours MCQ/Short Answer Questions Total 5 Hours MCQ/Short Answer Questions Total 5 Hours 25

Assessment
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Assessment
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Written (Case-based) Total 5 hours

MCQ/Short Answer Questions Total 5 Hours
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