

HUMAN BODY STRUCTURE AND FUNCTION

1st year

I Semester

Modules	Prerequisites	ECTS	ECTS/per subject	Total hours	Independent 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 Biochemistry, 15/30 Medical Genetics, 15/30 Histology&Embriology
Clinical and Professional Skills I	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	N/A	2	2	60	25	30	10/20
MEDICAL SOCIOLOGY		2	2	60	25	30	10/20
GERMAN LANGUAGE I (A1.1.)		2	2	60	27	33	0/30

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

II Semester

Modules	Prerequisites	ECTS	ECTS/per subject	Total hours	Independent 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 II	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 I	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 German 105/300 With German 95/310
Total		60	60	1800	935	810	Without German 210/600 With German 190/620

2nd year

III Semester

Modules	Prerequisites	ECTS	ECTS/per subject	Total hours	Independent 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 III	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 Language 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 Semester							
Modules	Prerequisites	ECTS	ECTS/per subject	Total hours	Independent 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	N/A	2	2	60	25	30	10/20
Philosophy							
Georgian Language IV (B1.2)	Georgian Language 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	ECTS	ECTS/per subject	Total hours	Independent work hrs	Contact hours	Lecture/Practical
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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+90)	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	Independent 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

VIII Semester							
Modules	Prerequisites	ECTS	ECTS/per subject	Total hours	Independent 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
Laboratory 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							

IX Semester							
Modules	Prerequisites	ECTS	ECTS/per subject	Total hours	Independent 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 Ophthalmology 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 ophthalmology, 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	Independent 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 IX	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

XI Semester

Modules	Prerequisites	ECTS	ECTS/per subject	Total hours	Independent 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 II	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

XII Semester

Modules	Prerequisites	ECTS	ECTS/per subject	Total hours	Independent 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 Clinical Pharmacology	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
Sexual Medicine (elective course of major filed of 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 MD Curriculum (partly integrated, with horisontal and 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				
ASSESSMENT 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
MCQ/Short Answer Questions Total 5 Hours
MCQ/Short Answer Questions Total 5 Hours
Short Answer Questions/OSCE Total 5 Hours
Essay/Short Answer Questions Total 5 Hours
MCQ/Short Answer Questions Total 5 Hours
MCQ/Short Answer Questions Total 5 Hours
30
55

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

MCQ/Short Answer Questions Total 5 Hours
MCQ/Short Answer Questions Total 5 Hours
Essay/Short Answer Questions Total 5 Hours
Short Answer Questions/OSCE Total 5 Hours
Essay/Short Answer Questions Total 5 Hours
MCQ/Short Answer Questions Total 5 Hours
30
55
Assessment

OSCE Total 10 hours
MCQ/Short Answer Questions Total 5 Hours
MCQ/Short Answer Questions Total 5 Hours
Written (Case-based) Total 5 hours
25
Assessment
OSCE Total 10 hours
MCQ/Short Answer Questions Total 5 Hours
Essay/Short Answer Questions Total 5 Hours
Written (Case-based) Total 5 hours
Essay/Short Answer Questions Total 5 Hours

MCQ/Short Answer Questions
Total 5 Hours

35

60

Assessment

Integr. OSCE
Total 12 hours

MCQ/Short Answer Questions
Total 5 Hours

65

Assessment
Integr. OSCE Total 12 hours
Essay/Short Answer Questions Total 5 Hours
Essay/Short Answer Questions Total 5 Hours
MCQ/Short Answer Questions Total 5 Hours
63
128

Assessment
Integr. OSCE Total 12 hours
60
Assessment

Integr. OSCE
Total 12 hours

MCQ/Short Answer
Questions
Total 5 Hours

77

137

Assessment

Integr. OSCE
Total 12 hours

MCQ/Short Answer Questions
Total 5 Hours

77

Assessment

Integr. OSCE
Total 12 hours

MCQ/Short Answer Questions Total 5 Hours
77
154

5404
4807

