

ILIA STATE UNIVERSITY

Faculty of Natural Sciences and Medicine

One Cycle Undergraduate Medical Education (Equivalent to the II stage)

MEDICINE

STUDY PLAN

semester	Course name	ECTS	Prerequisite	Total hours	Contact Hours	Lecture	Seminar	Clinical Work	Mid-term Exam	Final Exam	Independent Work
<b>I</b>	<b>Mandatory courses</b>	<b>27</b>		<b>675</b>							
1	Anatomy I	5	None	125	63	15	43		2	3	62
2	Biophysics	3	None	75	33	14	15		2	2	42
3	Medical biology I	5	None	125	46	14	28		2	2	79
4	Academic skills	4	None	100	30		24		4	2	70
5	Basics of sociology and psychology for healthcare professionals	4	None	100	46	14	28		2	2	54
	<b>Elective Language Block I</b>	<b>4</b>		<b>100</b>							
6	Georgian Language for Medical Program I	4	None	100	62		56		2	2	38
7	English Language for Medical Program I	4	None	100	60		55		3	2	40
8	German Language for Medical Program I	4	None	100	60		56		2	2	40
	<b>Elective courses</b>	<b>2</b>		<b>50</b>							
9	History of medicine	2	None	50	33	14	16		1	2	17
10	Latin language	2	None	50	32		29		1	2	18
11	Health promotion	2	None	50	29	12	14		1	2	21
<b>II</b>	<b>Mandatory courses</b>	<b>33</b>		<b>825</b>							
12	Anatomy II	5	Anatomy I	125	63	15	43		2	3	62
13	Physiology I	5	Biophysics	125	62	15	43		2	2	63
14	Biochemistry I	5	None	125	62	15	43		2	2	63
15	Medical biology II	5	Medical biology I	125	49	15	30		2	2	76
16	PBL Seminar I	2	None	50	26		24			2	24
17	Histology I	5	Medical biology I	125	50	15	28		4	3	75
18	Clinical skills I	2	None	50	30			29		1	20
	<b>Elective Language Block II</b>	<b>4</b>		<b>100</b>							
19	Georgian Language for Medical Program II	4	Georgian Language for Medical Program I	100	62		56		4	2	38
20	English Language for Medical Program II	4	English Language for Medical Program I	100	60		55		3	2	40
21	German Language for Medical Program II	4	German Language for Medical Program I	100	60		56		2	2	40
<b>III</b>	<b>Mandatory courses</b>	<b>31</b>		<b>775</b>							
22	Anatomy III	5	Anatomy II	125	63	15	43		2	3	62

23	Biochemistry II	5	Biochemistry I	125	62	15	43		2	2	63
24	Microbiology I	5	Biochemistry I, Medical biology II	125	49	15	29		2	3	76
25	Physiology II	5	Physiology I	125	62	15	43		2	2	63
26	Histology II	5	Histology I	125	50	15	28		4	3	75
27	Bioethics and deontology	3	None	75	42	13	26		1	2	33
28	PBL Seminar II	3	None	75	26		24			2	49
<b>IV</b>	<b>Mandatory courses</b>	<b>29</b>		<b>725</b>							
29	Pathology	7	Physiology II, Anatomy III, Biochemistry II, Histology II	175	94	15	74		2	3	81
30	Pharmacology I	6	Biochemistry II	150	62	15	43		2	2	88
31	Microbiology II	3	Microbiology I	75	48	15	29		2	2	27
32	Immunology	4	Microbiology I	100	47	15	28		2	2	53
33	PBL Seminar III	2	None	50	26		24			2	24
34	Medical Communication	3	Basics of sociology and psychology for healthcare workers	75	40			36	2	2	35
35	Clinical skills II	4	Clinical skills I	100	63			60	1	3	37
<b>V</b>	<b>Mandatory courses</b>	<b>31</b>		<b>775</b>							
36	Respiratory, Blood and Cardiovascular system disorders (Module I) (Pathology, Pharmacology, Basics of Clinical Diagnostics)	6	Pathology; Pharmacology I	150	74	20	43	8		3	76
37	Digestive system disorders (Module II) (Pathology, Pharmacology, Basics of Clinical Diagnostics)	2.5	Pathology; Pharmacology I	62.5	35	8	20	4		3	27.5
38	Endocrine and Genitourinary system disorders (Module III) (Pathology, Pharmacology, Basics of Clinical Diagnostics)	5.5	Pathology; Pharmacology I	137.5	71	18	42	8		3	66.5
39	Nervous System Disorders (Module IV) (Pathology, Pharmacology, Basics of Clinical Diagnostics)	2.5	Pathology; Pharmacology I	62.5	35	8	20	4		3	27.5
40	Musculoskeletal system and Skin disorders (Module V) (Pathology, Pharmacology, Basics of Clinical Diagnostics)	2.5	Pathology; Pharmacology I	62.5	35	8	20	4		3	27.5
41	Biological Basis of Behavior and Behavioral Science	3	Basics of sociology and psychology for healthcare professionals	75	45	13	28		2	2	30
42	PBL Seminar IV	3	None	75	26		24			2	49
	<b>University General (elective) Courses</b>	<b>6</b>		<b>150</b>							
43	Essentials of Management	6	None	150	32	13	15		2	2	118
44	Principles of Economics I (microeconomics)	6	None	150	32	15	13		2	2	118
45	Business Ethics and Public Responsibility of Corporation	6	None	150	32	13	13		4	2	118
<b>VI</b>	<b>Mandatory courses</b>	<b>29</b>		<b>725</b>							
46	Surgery I	5	Modules I-V	125	76	15	31	26	2	2	49

47	Parasitology	3	Microbiology II	75	34	15	15		2	2	41
48	Pharmacology II	3	Modules I-V	75	48	15	30		1	2	27
49	Preventive medicine	3	Microbiology II	75	34	15	15		2	2	41
50	Radiology	3	Anatomy III, Biophysics	75	36	15	17		2	2	39
51	Bio-medical research I	4	Bioethics and deontology	100	36		32		2	2	64
52	Clinical Psychology	3	Biological Basis of Behavior and Behavioral Science	75	46	15	28		1	2	29
53	Epidemiology and evidence based medicine	3	None	75	47	15	28		2	2	28
	<b>Elective courses</b>	<b>2</b>		<b>50</b>							
53	Dietology	2	Biochemistry II, Internal medicine II	50	29	13	13		1	2	21
54	Medical ecology	2	None	50	32	15	14		1	2	18
<b>VII</b>	<b>Mandatory courses</b>	<b>30</b>		<b>750</b>							
55	Internal Medicine I Cardiology, Pulmonology, Gastroenterology, Hematology.	13	Modules I-V	325	139	34	36	64	2	3	186
56	Neurology I	7	Modules I-V	175	67	16	18	28	2	3	108
57	Surgery II	8	Surgery I	200	83	20	22	36	2	3	117
58	Laboratory medicine	2	Biochemistry II, Microbiology II	50	31	15	13		1	2	19
<b>VIII</b>	<b>Mandatory courses</b>	<b>30</b>		<b>750</b>							
59	Internal Medicine II Rheumatology, Nephrology, Endocrinology.	10	Internal medicine I	250	119	29	31	54	2	3	131
60	Obstetrics	5	Internal medicine I, Surgery II	125	57	13	15	24	2	3	68
61	Otorhinolaryngology	3	Surgery II	75	39	9	11	14	2	3	36
62	Clinical skills III	4	Clinical skills II	100	76			74		2	24
63	Pediatrics I	5	Internal medicine I	125	51	12	14	20	2	3	74
64	Urology	3	Surgery II	75	31	7	9	10	2	3	44
<b>IX</b>	<b>Mandatory courses</b>	<b>29</b>		<b>725</b>							
65	Gynecology	6	Obstetrics, Internal medicine II	150	63	15	17	26	2	3	87
66	Neurology II	4	Neurology I	100	55	13	15	22	2	3	45
67	Anesthesiology and Reanimatology	3	Internal Medicine II; Surgery II; Pharmacology II	75	45	10	12	18	2	3	30
68	Pediatrics II	4	Pediatrics I	100	43	10	12	16	2	3	57
69	Dermatovenerology	3	Internal medicine II	75	43	10	12	16	2	3	32
70	Ophthalmology	3	Surgery II, Internal medicine II	75	39	9	11	14	2	3	36
71	Infectious diseases I	4	Microbiology II; Internal medicine II	100	63	15	17	26	2	3	37
	<b>Elective courses</b>	<b>2</b>		<b>50</b>							
72	Nanomedicine	2	Medical biology II; Bio-medical research I	50	32	14	14		2	2	18
73	Biotechnology	2	Medical biology II; Bio-medical research I	50	32	14	14		2	2	18
<b>X</b>	<b>Mandatory courses</b>	<b>31</b>		<b>775</b>							

74	Clinical immunology and allergology	4	Immunology; Internal medicine II	100	63	12	20	26	2	3	37
75	Psychiatry	4	Clinical Psychology	100	40	9	13	14	2	2	60
76	Family medicine	4	Internal medicine II	100	49	12	12	20	2	3	51
77	Traumatology and orthopedics	4	Surgery II	100	42	10	12	16	2	2	58
78	Infectious diseases II	4	Infectious diseases I	100	39	9	11	14	2	3	61
79	Oncology	3	Surgery II; Internal medicine II	75	42	10	12	17	1	2	33
80	Public health	4	None	100	47	15	29		1	2	53
81	Geriatrics	2	Internal medicine II	50	25	5	7	8	2	3	25
	<b>Elective courses</b>	<b>2</b>		<b>50</b>							
82	Reproductology	2	Gynecology	50	24	5	9	7	1	2	26
83	Addictology	2	Internal medicine II;	50	29	10	9	7	1	2	21
84	Transplantology	2	Surgery II; Immunology	50	22	5	9	5	1	2	28
85	Pthysiatry	2	Internal medicine I	50	29	6	8	10	2	3	21
<b>XI</b>	<b>Mandatory courses</b>	<b>30</b>		<b>750</b>							
86	Emergency medicine	6	Internal medicine II; Pharmacology III; Clinical skills III	150	81	18	18	40	2	3	69
87	Forensic medicine	3	Modules I-V	75	40	9	28		1	2	35
88	Syndrome based Differential diagnostics	6	Internal medicine II; Neurology II; Surgery II.	150	66	16	18	28	2	2	84
89	Medical Rehabilitation	4	Internal medicine II, Surgery II, Neurology II, Traumatology and orthopedic	100	54	13	15	22	2	2	46
90	Clinical Radiology	4	Radiology; Surgery II; Internal Medicine II	100	43	10	12	16	2	3	57
91	Bioinformatics for Medical Studies	3	Medical Biology II	75	32	20	10			2	43
	<b>Elective courses</b>	<b>4</b>		<b>100</b>							
92	Pediatric Surgery	2	Surgery II, Pediatrics II	50	25	7	10	5	1	2	25
93	Rational use of drugs	2	Internal medicine II; Pharmacology II	50	25	7	15		1	2	25
94	Occupational diseases	2	Internal medicine II	50	28	6	10	9	1	2	22
95	Neurosurgery	2	Neurology II; Surgery II	50	30	7	9	10	2	2	20
96	Palliative Medicine	2	Oncology	50	30	7	11	9	1	2	20
97	Pediatric endocrinology	2	Pediatrics II, Internal medicine II	50	25	5	7	8	2	3	25
<b>XII</b>	<b>Mandatory courses</b>	<b>30</b>		<b>750</b>							
98	Clinical Practice	18	Internal medicine II; Surgery II; Clinical skills III; Family medicine	450	421			420		1	29
99	Bio-medical research II	8	Bio-medical research I	200	33		30			3	167
100	Healthcare Management	2	None	50	32	15	15		1	1	18
	<b>Elective courses</b>	<b>2</b>		<b>50</b>							
101	Vascular Surgery	2	Surgery II	50	27	8	9	7	1	2	23
102	Pain Management	2	Neurology II	50	22	5	5	9	1	2	28
103	Sport medicine	2	Internal medicine II; Traumatology and Orthopedics; Neurology II	50	32	7	11	11	1	2	18
104	Dentistry and maxillofacial surgery	2	Otorhinolaryngology	50	26	8	9	6	1	2	24
<b>Range of Total Contact Hours: 4501 – 4539 #</b>											

Range of Total Independent Work Hours: 4461 - 4499 #

Range of Total Clinical Work Hours: 1311 - 1335 #

# hour deviation is due to different hour distribution in elective courses