



**Curriculum - Matrix**

No	Name of the course	Code	Prerequisite	Semester	ECTS	Lecture	Working in the working gr.	Practical work	Laboratory work	PBL	CBCR	Midterm assessments	Final assessment	OSCE	Contact hours	Independent working hours	Total hours	Consultations
<b>Foundations of Medicine</b>																		
1	Cell Biology	MED101C		I	4	14	34				8	2			58	42	100	8
2	Medical Genetics	MED102C		I	3	13	22				8	2			45	30	75	8
3	Medical Physics and Biophysics	MED103C		I	3	11	8	9			13	2			43	32	75	8
4	Basics of Histology, Cytology, Embryology	MED104C		I	3	14	10	10			10	2			46	29	75	8
5	Basics of Biochemistry	MED105C		I	4	14	31	6			7	2			60	40	100	8
6	Professional Latin	MED106C		I	2		24				6	2			32	18	50	8
7	Health Promotion	MED107C		I	2	14	8				8	2			32	18	50	8
8	Scientific Research I	MED108C		I	3	14	20				8	2			44	31	75	8
9	IT	MED199C		I	2	13	24				6	2			45	5	50	8
10	Foreign Language 1 (Georgia) / Foreign Language 1 (English)	MED197C MED200C		I	4		60					2			62	38	100	8
					<i>Total</i>	<b>30</b>	<b>107</b>	<b>241</b>	<b>25</b>		<b>74</b>	<b>20</b>		<b>467</b>	<b>283</b>	<b>750</b>	<b>80</b>	
<b>Integrated Block I</b>																		
11	<b>Module I: Neuroscience I (HA, PH, HCE, BI)</b>	MED109C	MED101C MED102C MED104C MED105C	II	14	50	120		40		6	3			219	131	350	15
12	Parasitology	MED110C	MED101C MED102C	II	3	14	22				8	2			46	29	75	8
13	Patient Care	MED111C	MED106C	II	2		30				14	2			46	4	50	8
14	Bioethics	MED112C		II	2	14	8				8	2			32	18	50	8
15	Medical Psychology	MED113C		II	3	14	24				6	2			46	29	75	8
16	Communication Skills	MED114C		II	2		22				8	2			32	18	50	8
17	Foreign Language 2 (Georgia) / Foreign Language 2 (English)	MED198C MED201C	MED197C MED200C	II	4		48				8	2			58	42	100	8
					<i>Total</i>	<b>30</b>	<b>92</b>	<b>274</b>	<b>40</b>		<b>58</b>	<b>15</b>		<b>479</b>	<b>271</b>	<b>750</b>	<b>63</b>	

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<b>Integrated Block II</b>																		
18	<b>Module II:</b> Neuroscience II (HA,PH, HCE, BI)	MED115C	MED101C MED102C MED104C MED105C	III	7	28	64		16		4	2		114	61	175	15	
19	<b>Module III:</b> Musculoskeletal System ( HA,PH, HCE, BI)	MED116C	MED101C MED102C MED104C MED105C	III	11	46	105		20		6	3		180	95	275	15	
20	Clinical Skills I	MED117C	MED111C	III	3		50				10		2	62	13	75	8	
21	Foreign Language 3 (Georgia) / Foreign Language 3 (English)	MED205C	MED198C MED201C	III	4		48				8	2		58	42	100	8	
22	Preventive Medicine	MED119C	MED107C	III	3	14	24				6	2		46	29	75	8	
	Elective courses			III	2									32	18	50		
				<i>Total</i>	<b>30</b>	<b>88</b>	<b>291</b>		<b>36</b>		<b>34</b>	<b>9</b>	<b>2</b>	<b>492</b>	<b>258</b>	<b>750</b>		
<b>Integrated Block III</b>																		
24	<b>Module IV:</b> Cardiovascular, Blood, Respiratory and Immune Systems (HA, PH, HCE, BI)	MED120C	MED101C MED102C MED104C MED105C	IV	14	48	110		40		6	3		207	143	350	15	
25	Microbiology, Immunology	MED121C	MED110C	IV	5	14	50				8	2		74	51	125	8	
26	Clinical Skills II	MED122C	MED117C	IV	3		47				11		2	60	15	75	8	
27	Scientific Research II	MED123C	MED108C	IV	4	12	38				8	2		60	40	100	8	
28	Epidemiology and Biostatistics	MED124C	MED119C	IV	2	14	10				6	2		32	18	50	8	
	Elective courses			IV	2									32	18	50		
				<i>Total</i>	<b>30</b>	<b>88</b>	<b>255</b>		<b>40</b>		<b>39</b>	<b>9</b>	<b>2</b>	<b>465</b>	<b>285</b>	<b>750</b>		
<b>Integrated Block IV</b>																		
30	<b>Module V:</b> Digestive, Urinary, Reproductive and Endocrine Systems (HA, PH, HCE, BI)	MED125C	MED101C MED102C MED104C MED105C	V	14	50	114		40		6	3		213	137	350	15	
31	Clinical Skills III	MED126C	MED122C	V	3		47				11		2	60	15	75	8	
32	Virology	MED127C	MED121C	V	3	14	24				6	2		46	29	75	8	
33	Pathology	MED128C	MED104C MED118C	V	5	14	50				8	4		76	49	125	8	
34	Topographic Anatomy	MED129C	MED109C MED116C MED115C MED120C	V	3	14	22				8	2		46	29	75	8	
35	Health Care Management	MED130C	MED107C	V	2	10	12				8	2		32	18	50	8	

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					<i>Total</i>	<b>30</b>	<b>102</b>	<b>269</b>	<b>0</b>	<b>0</b>	<b>40</b>	<b>0</b>	<b>47</b>	<b>13</b>	<b>2</b>	<b>473</b>	<b>277</b>	<b>750</b>	
	<b>Block V-Transition</b>																		
36	Physical Diagnosis	MED131C	MED109C MED115C MED116C MED120C MED125C MED128C	VI	8	27	90					10	2	2	131	69	200	15	
37	Systemic Pathology	MED132C	MED128C	VI	5	14	46					10	4		74	51	125	8	
38	General Surgery	MED133C	MED125C MED129C	VI	6	14	28	28				14	2	2	88	62	150	8	
39	General Pharmacology	MED134C	MED105C MED128C	VI	4	14	42					6	2		64	36	100	8	
40	Radiology and Medical Roentgenology	MED135C	MED103C	VI	4	14	38					8	2	2	64	36	100	8	
41	Evidence-based Medicine	MED136C	MED123C	VI	3	14	24					6	2		46	29	75	8	
					<i>Total</i>	<b>30</b>	<b>97</b>	<b>268</b>	<b>28</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>54</b>	<b>14</b>	<b>6</b>	<b>467</b>	<b>283</b>	<b>750</b>	
	<b>Clinical Rotation Cycle I</b>																		
	<b>Block: Cardiovascular and Respiratory Systems Diseases</b>																		
43	Cardiology	MED138C	MED131C MED132C MED134C	VII	5	17	28	28				10	2		85	40	125	8	
44	Pulmonology	MED139C	MED131C MED132C MED134C	VII	4	9	30	10			8	6	2		65	35	100	8	
45	Thoracic Surgery	MED140C	MED133C	VII	5	13	25	32				10	2		82	43	125	8	
	<b>Block: Blood and Immune Systems Diseases</b>																		
46	Hematology	MED141C	MED117C MED128C MED131C	VII	3	11	15	12				6	2		46	29	75	8	
47	Infectious Diseases I	MED142C	MED124C MED127C MED131C	VII	5	13	30	22				8	2		75	50	125	8	
48	Allergology and Clinical Immunology	MED143C	MED118C	VII	4	14	24	14				6	2		60	40	100	8	

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42	Clinical Reasoning Skills (CBCR)	MED137C	MED109C MED115C MED116C MED120C MED125C MED126C	VII	4	4	42				10	2		58	42	100	8	
<i>Total</i>					<b>30</b>	<b>81</b>	<b>194</b>	<b>118</b>			<b>8</b>	<b>56</b>	<b>14</b>		<b>471</b>	<b>279</b>	<b>750</b>	
<b>Clinical Rotation Cycle II</b>																		
<b>Block: Musculoskeletal System Diseases</b>																		
50	Rheumatology	MED145C	MED131C MED132C	VIII	3	8	8	12			6	2		36	39	75	8	
51	Traumatology and Orthopedics	MED146C	MED133C	VIII	5	10	28	18			6	2		64	61	125	8	
<b>Block: Digestive and Urinary Systems Diseases</b>																		
52	Gastroenterology	MED147C	MED131C MED132C	VIII	4	10	24	22			6	2		64	36	100	8	
53	Nephrology	MED148C	MED131C MED132C	VIII	3	9	22	25			6	2		64	11	75	8	
54	Urology	MED149C	MED131C MED132C	VIII	3	7	15	14			8	2		46	29	75	8	
55	Abdominal Surgery	MED150C	MED133C	VIII	6	16	36	42			8	2		104	46	150	8	
56	Clinical Pharmacology	MED151C	MED134C	VIII	4	15	38				8	2		63	37	100	8	
Elective courses				VIII	2									32	18	50		
<i>Total</i>					<b>30</b>	<b>75</b>	<b>171</b>	<b>133</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>48</b>	<b>14</b>	<b>0</b>	<b>473</b>	<b>277</b>	<b>750</b>	
<b>Clinical Rotation Cycle III</b>																		
<b>Block: Nervous System Diseases</b>																		
57	Neurology	MED152C	MED131C MED132C	IX	8	25	56	36			10	2		129	71	200	15	
58	Behavioral Science	MED154C	MED113C MED115C	IX	4	14	36				8	2		60	40	100	8	
59	Neurosurgery	MED153C	MED115C MED133C	IX	4	13	24	24			8	2		71	29	100	8	
<b>Block: Sense Systems Diseases</b>																		
60	Ophthalmology	MED155C	MED115C MED133C	IX	4	10	16	18			6	2		52	48	100	8	
61	Dermatology	MED156C	MED127C MED132C	IX	4	10	16	18			6	2		52	48	100	8	
62	Otorhinolaryngology	MED157C	MED115C MED133C	IX	4	9	20	22			8	2		61	39	100	8	
Elective courses				IX	2									32	18	50		
<i>Total</i>					<b>30</b>	<b>81</b>	<b>168</b>	<b>118</b>			<b>46</b>	<b>12</b>		<b>457</b>	<b>293</b>	<b>750</b>		

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<b>Clinical Rotation Cycle IV</b>																		
<b>Block: Reproductive and Endocrine Systems Diseases</b>																		
63	Endocrinology	MED158C	MED131C MED132C	X	4	14	14	28			14	2	2	74	26	100	8	
69	<b>General Obstetrics-Gynecology</b>	MED164C	MED133C	X	6	25	25	50			12	2	2	116	34	150	8	
75	Geriatrics	MED169C	MED131C	X	3	8	30				6	2		46	29	75	8	
<b>Block: pediatric diseases</b>																		
65	<b>Pediatrics</b>	MED160C	MED131C MED132C	X	10	24	60	60			8	2		154	96	250	8	
66	Pediatric Clinical Skills	MED161C	MED126C	X	2		28				4	2	2	36	14	50	8	
67	Pediatric Infectious Diseases	MED162C	MED131C MED142C	X	3	11	18	11			6	2		48	27	75	8	
68	Pediatric Neurology	MED163C	MED152C	X	2	9	8	8			6	2		33	17	50	8	
					<i>Total</i>	<b>30</b>	<b>91</b>	<b>183</b>	<b>157</b>		<b>56</b>	<b>14</b>	<b>6</b>	<b>507</b>	<b>243</b>	<b>750</b>		
<b>Clinical Rotation Cycle V</b>																		
69	<b>Syndrome Based and Differential Diagnostics</b>	MED170C	MED138C MED139C MED147C MED152C	XI	4	18	14			36	6	2		76	24	100	8	
70	Infectious Diseases II	MED171C	MED142C	XI	4	14	20	20			6	2		62	38	100	8	
71	Physical Medicine and Rehabilitation	MED172C	MED146C MED165C	XI	3	9	15	15			7	2		48	27	75	8	
72	Anesthesiology and Critical Medicine	MED168C	MED131C MED151C	XI	3	10	12	18			6	2		48	27	75	8	
73	Emergency Medicine and Clinical Toxicology	MED173C	MED133C MED138C MED152C MED146C	XI	3	10	12	18			6	2		48	27	75	8	
74	Family Medicine	MED174C	MED131C	XI	3	14	12	14			6	2		48	27	75	8	
76	Psychiatry	MED175C	MED154C MED165C	XI	3	13	12	18			6	2		51	24	75	8	
49	Oncology	MED144C	MED132C MED133C	XI	4	11	20	18			8	2		59	41	100	8	
77	Scientific Research III	MED176C	MED136C	XI	3	14	24				6	2		46	29	75	8	
					<i>Total</i>	<b>30</b>	<b>113</b>	<b>141</b>	<b>121</b>		<b>36</b>	<b>57</b>	<b>18</b>	<b>486</b>	<b>264</b>	<b>750</b>		
<b>Clinical integration cycle</b>																		

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76	Clinical integration cycle: - Obstetrics-Gynecology (6cr) - internal Medicine (8cr) - Hospital Surgery (6cr) - Emergency Medicine (6cr)	MED202C	MED170C MED168C MED173C MED150C	XII	26		512				32		8	552	98	650		
	Elective courses			XII	4									64	36	100		
				<i>Total</i>	<b>30</b>		<b>512</b>				<b>32</b>		<b>8</b>	<b>616</b>	<b>134</b>	<b>750</b>		

<b>TOTAL Core Hours</b>				<b>348</b>	<b>1015</b>	<b>2455</b>	<b>1187</b>	<b>25</b>	<b>156</b>	<b>44</b>	<b>601</b>	<b>152</b>	<b>26</b>	<b>5661</b>	<b>3039</b>	<b>8700</b>	<b>649</b>
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<b>Elective courses (12 credits are required)</b>																		
1	History of Medicine	MED178E		III	2	12	12				6	2		32	18	50	8	
2	Medical Ecology	MED179E		III	2	9	14				6	2		31	19	50	8	
5	Laboratory Study	MED180E	MED118C MED127C MED141C		2	8	8				6	2		24	26	50	8	
6	Paliative medicine	MED181E	MED144C		2	6	8	4			6	2		26	24	50	8	
7	Medical Sociology	MED182E			2	6	6				4	2		18	32	50	8	
8	Clinical genetics in primary physicians practice	MED183E	MED101C MED102C		2	6	10				6	2		24	26	50	8	
9	Essentials and principles of healthcare quality	MED184E	MED130C		2	6	6				6	2		20	30	50	8	
10	Nutritiology	MED185E	MED147C		2	10	10				6	2		28	22	50	8	
11	Case Based Learning in Endocrinology	MED186E	MED158C		2	6	6			6	2	2		22	28	50	8	
12	Gender Medicine	MED203E		VIII	2	5	8				6	2		21	29	50	8	
13	Electrocardiography	MED204E		VIII	2	8	8	8			6	2		32	18	50	8	
14	Occupational diseases	MED187E	MED131C		2	6	6	6			4	2		24	26	50	8	
15	Forensic Medicine and Medical Law	MED188E	MED112C MED132C	XII	4	14	24				6	2		46	54	100	8	
16	Pediatric Surgery	MED189E	MED133C MED166C	XII	4	10	16	10			6	2		44	56	100	8	
17	Maxillofacial Surgery	MED190E	MED157C	XII	4	10	16	10			6	2		44	56	100	8	
18	Endoscopy	MED191E	MED133C	XII	4	10	18	8			6	2		44	56	100	8	
19	Urgent Surgery	MED192E	MED150C	XII	4	9	9	18			6	2		44	56	100	8	
20	Oncosurgery	MED193E	MED133C MED144C	XII	4	9	19	8			6	2		44	56	100	8	
21	Narcology	MED194E	MED173C MED175C	XII	4	8	28				6	2		44	56	100	8	
22	Reproductology	MED195E	MED164C	XII	4	10	16	14			2	2		44	56	100	8	