

**CURRICULUM**

Approved by  
  
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(signature)

Professional field: **MEDICINE**

Educational and qualification degree: **MASTER**

Specialty: **MEDICINE**

Term of education: **6 years** (12 semesters)

Form of education: **FULL TIME**

Professional qualification: **MASTER - DOCTOR**

Approved by Protocol

№ *12*..... by *H. G. G. G.*

Of the Academic Council

## CONTENT OF THE EDUCATIONAL PROCESS

No.	Index of the academic disciplines	Type of the academic disciplines – m., e., f.	Exams	Current marks	ECTS- credits	Total mandatory lectures	Lectures	Practical exercises	Classes										
									1 <sup>st</sup> year		2 <sup>nd</sup> year		3 <sup>rd</sup> year		4 <sup>th</sup> year		5 <sup>th</sup> year		
									I Week ly busin ess	II Week ly busin ess	III Week ly busin ess	IV Week ly busin ess	V Week ly busin ess	VI Week ly busin ess	VII Week ly busin ess	VIII Week ly busin ess	IX Week ly busin ess	X Week ly busin ess	
1	2	3	4	5	6	7	8	10	11	12	13	14	15	16	17	18	19	20	
<b>Mandatory academic disciplines</b>																			
1.	Cytology and general histology and human embryology	M	I	-	6,5	90	60	30	4+2										
2.	Chemistry	M	I	-	6,5	90	60	30	4+2										
3.	Physics	M	I	-	6,5	90	45	45	3+3										
4.	Sport	M	-	I, II, III, IV	8,0	120	0	120	0+2	0+2	0+2	0+2							
5.	Latin language with medicine terminology	M	II	-	4,0	60	0	60	0+2	0+2									
6.	Human biology	M	II	-	7,5	105	45	60	2+2	1+2									
7.	Biophysics	M	II	-	4,5	60	30	30		2+2									
8.	Biochemistry	M	III	II	14,0	180	90	90		2+2	4+4								
9.	Social medicine, including:	M																	
	<i>Biostatistics and informatics</i>	M	-	III	2,5	30	15	15			1+1								
10.	Human anatomy and histology	M	IV	II	29,0	315	120	210	2+2	2+4	2+4	2+4							
11.	Human physiology	M	IV	-	15,5	195	90	105			3+4	3+3							
12.	Microbiology	M	V	IV	9,5	135	60	75			2+2	3+2							
13.	Medical genetics	M	V	-	2,0	60	30	30				2+2							
14.	Pathophysiology	M	VI	-	6,5	120	60	60				2+2	2+2						
15.	Pharmacology	M	VI	-	9,5	165	75	90				2+3	3+3						

1	2	3	4	5	6	7	8	10	11	12	13	14	15	16	17	18	19	20
16.	Pathoanatomy and Cythopathology, including																	
	<i>General pathology</i>	<b>M</b>	VI	-	7,0	105	45	60					2+2	1+2				
17.	Propedeutics of the internal diseases	<b>M</b>	VI	-	11,5	240	60	180					2+6	2+6				
18.	General and operative surgery	<b>M</b>	VI	-	7,5	165	60	105					2+4	2+3				
19.	Anesthesiology and intensive treatment	<b>M</b>	VI	-	2,0	60	30	30						2+2				
20.	Image diagnostics and radiology	<b>M</b>	VII	VI	4,5	105	30	75						1+3	1+2			
21.	Hygiene, ecology and professional diseases, including	<b>M</b>																
	<i>Hygiene and ecology</i>	<b>M</b>	VII	VI	4,0	120	60	60						3+2	1+2			
	<i>Professional diseases</i>	<b>M</b>	-	VII	1,0	30	15	15							1+1			
22.	Internal diseases and therapy, including	<b>M</b>																
	<i>Clinical laboratory</i>	<b>M</b>	VII	-	2,5	60	30	30							2+2			
23.	Orthopedics and traumatology	<b>M</b>	VII	-	3,0	90	45	45							3+3			
24.	Pathoanatomy and Cythopathology, including	<b>M</b>																
	<i>Clinical pathology</i>	<b>M</b>	VIII	-	7,0	105	45	60								1+2	2+2	
25.	ENT diseases	<b>M</b>	VIII	-	3,0	90	45	45									3+3	
26.	Ophthalmology	<b>M</b>	VIII	-	2,5	75	45	30									3+2	
27.	Neurologic diseases	<b>M</b>	VIII	-	6,5	120	60	60							2+2	2+2		
28.	Dermatology and venereology	<b>M</b>	VIII	-	3,0	90	45	45									3+3	
29.	Internal diseases and therapy, including	<b>M</b>																
	<i>Internal disease clinic</i>	<b>M</b>	VIII	-	13,5	270	90	180							4+6	2+6		
30.	Urology	<b>M</b>	VIII	-	1,5	45	15	30								1+2		
31.	Psychiatry	<b>M</b>	IX	-	2,5	75	45	30										3+2

1	2	3	4	5	6	7	8	10	11	12	13	14	15	16	17	18	19	20
32.	Surgical diseases	M	IX	VIII	14,5	270	90	180							2+3	2+3	2+6	
33.	Forensic medicine and deontology	M	IX	-	2,5	75	30	45									2+3	
34.	Clinical pharmacology	M	IX	-	2,0	60	30	30									2+2	
35.	Physiotherapy and rehabilitation	M	IX	-	1,5	45	15	30									1+2	
36.	Obstetrics and gynecology	M	X	-	9,5	210	75	135									3+4	2+5
37.	Social medicine, including:	M			6,0	120	60	60										
	<i>Social medicine</i>	M	X	-	2,0	60	30	30										2+2
	<i>Medicine ethics</i>	M	X	-	1,0	30	15	15										1+1
38.	Internal diseases and therapy, including	M																
	<i>Therapy of the internal diseases and immunology</i>	M	X	-	12,0	270	90	180									2+6	4+6
39.	Pediatrics	M	X	-	9,5	210	90	120									3+4	3+4
40.	Epidemiology, infectious diseases, medical parasitology, tropical medicine	M	X	-	5,5	150	60	90										4+6
41.	Medicine of the emergency situations	M	X	-	1,5	45	15	30										1+2
42.	General medicine	M	X	-	2,0	60	30	30										2+2
<b>Total mandatory</b>			<b>41</b>	<b>12</b>	<b>277,5</b>	<b>5160</b>	<b>2130</b>	<b>3030</b>										
<b>Educational practices</b>																		
After the sixth semester		M			3,0	150												
After the eight semester		M			3,0	150												
<b>Total ECTS</b>					<b>283,5</b>													
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\*ECTS up to 300 are supplemented by the elective disciplines. For each of the first 6 semesters it is compulsory to choose one elective discipline

1	2	3	4	5	6	7	8	10	11	12	13	14	15	16	17	18	19	20	
<b>Elective academic disciplines</b>																			
1.	Foreign languages	E	-	I и II	5,0	75	0	75	0+2	0+3									
2.	Philosophical anthropology	E	I	-	3,0	45	45	0	3+0										
3.	Fundamentals of the management	E	II	-	2,0	30	30	0		2+0									
4.	Communication skills	E	III	-	2,0	30	15	15			1+1								
5.	Social competences in the communication	E	III	-	3,0	45	15	30			1+2								
6.	Intelligent computer systems in the health care	E	-	IV	2,0	30	15	15				1+1							
7.	Neurophysiology and biochemistry of the stress	E	IV	-	3,0	45	15	30				1+2							
8.	Pathobiochemistry	E	V	-	2,0	30	30	0					2+0						
9.	Modulation of the immune response – specific and non-specific immune – prophylaxis and immune therapy	E	V	-	2,0	30	30	0					2+0						
10.	Genetic, immune and biology and surgical aspects of the transplantation	E	VII	-	3,0	45	45	0						2+0	1+0				
11.	Healthy diet, alternative nutrition	E	VI	-	3,0	45	15	30						1+2					
12.	Processing of medical signals and images	E	-	VII	2,0	30	15	15								1+1			
13.	Surgical aspects of the transplantations	E	VII	-	2,0	30	30	0								2+0			
14.	Foundations of molecular medicine	E	VIII	-	3,0	45	45	0									3+0		
15.	Logical methods in the medicine	E	-	IX	2,0	30	15	15										1+1	

16.	Emergency medicine	E	X	-	3,0	45	15	30										1+2
17.	Patent's safety	E	X	-	2,0	30	15	15										1+1
<b>Total elective</b>			<b>13</b>	<b>5</b>	<b>43,0</b>	<b>645</b>	<b>375</b>	<b>270</b>										
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>
<b>Facultative academic disciplines</b>																		
1.	e-business and its implementation in the health care	F	-	IV	2,0	30	15	15				1+1						
2.	Sport activity	F	-	V, VI, VII, VIII, IX и X	по 2,0 на сем.	180	0	180					0+2	0+2	0+2	0+2	0+2	0+2
3.	Medicinal plants and phytotherapy	F	-	VI	2,0	30	30	0					2+0					
4.	Sport's medicine	F	-	VII	1,0	15	15	0						1+0				
5.	Medical and genetic consulting	F	-	VIII	2,0	30	15	15							1+1			
6.	Acupuncture	F	-	IX	2,0	30	15	15									1+1	
7.	Clinical Psychology	F	-	IX	2,0	30	15	15									1+1	
8.	Emergency conditions and complexes of the childhood and adolescence	F	-	X	2,0	30	15	15										1+1
<b>Total facultative</b>			<b>-</b>	<b>10</b>	<b>25,0</b>	<b>374</b>	<b>120</b>	<b>255</b>										

**Sixth year – PRE-GRADUATION PRACTICE**

<b>No.</b>	<b>Academic discipline</b>	<b>Calendar days</b>	<b>Academic classes</b>	<b>ECTS</b>
<b>1.</b>	<b>Internal diseases, including</b>	<b>80</b>	<b>342</b>	<b>10,0</b>
1.1.	Phthisiatrics	7	30	1,0
<b>2.</b>	<b>Surgical diseases, including</b>	<b>90</b>	<b>384</b>	<b>12,0</b>
2.1.	Surgery	34	144	6,0
2.2.	Anaesthesiology and reanimation	7	30	1,0
2.3.	Urology	7	30	1,0
2.4.	Orthopaedics	7	30	1,0
2.5.	Cardio – vascular surgery	7	30	1,0
2.6.	Neurosurgery	7	30	1,0
2.7.	Pediatric surgery	7	30	1,0
2.8.	Ophthalmology	7	30	1,0
2.9.	ENT diseases	7	30	1,0
<b>3.</b>	<b>Obstetrics and gynaecology</b>	<b>40</b>	<b>168</b>	<b>6,0</b>
<b>4.</b>	<b>Pediatrics</b>	<b>40</b>	<b>168</b>	<b>6,0</b>
<b>5.</b>	<b>Hygiene, epidemiology, infectious diseases and social medicine</b>	<b>35</b>	<b>150</b>	<b>6,0</b>
<b>6.</b>	<b>Neurological diseases</b>	<b>14</b>	<b>72</b>	<b>2,0</b>
<b>7.</b>	<b>Skin diseases</b>	<b>7</b>	<b>30</b>	<b>1,0</b>
<b>8.</b>	<b>Elective</b>	<b>14</b>	<b>72</b>	<b>2,0</b>
<b>Total :</b>		<b>320</b>	<b>1386</b>	<b>45,0</b>

**COMPLETION OF EDUCATION – with state exams in:**

No.	Discipline	ECTS
1.	Internal diseases	3,5
2.	Surgical diseases	3,5
3.	Obstetrics and gynaecology	3,0
4.	Pediatric diseases	2,5
5.	Hygiene, epidemiology, infectious diseases and social medicine	2,5
<b>Total:</b>		<b>15,0</b>

**6<sup>th</sup> year – total 60 ECTS from the pre-graduation practice and the state exams.**

**THE CURRICULUM IS APPROVED AT A MEETING OF THE FC OF THE FM ON 09.09.2010 г. (Protocol № 8)**

**DEAN:.....**  
**(Prof. Dr. Lyubomir Spasov - MD)**