

APPROVED BY:

RECTOR OF MU - SOFIA  
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Academic Year 2017/18 for all courses

**CURRICULUM**  
**MASTER'S DEGREE – MEDICAL DOCTOR**  
**THE COMPLETE COURSE OF EDUCATION LASTS FOR 6 YEARS**

№	DISCIPLINES	EXAMS DURING SEMESTER	HOURS			DISTRIBUTION BY SEMESTERS						ECTS CREDITS		
			Total	Lectures	Seminars	I	II	III	IV	V	VI	Bulgarian students	Foreign students– Bulgarian language	Foreign students– English language
<b>I. PRE-CLINICAL TRAINING AND PROPAEDEUTICS</b>														
1.	Cytology, General Histology and Human Embryology	I	90	45	45	3/3	--	--	--	--	--	6,6	6,6	6,6
2.	Medical Ethics	I – ongoing assessment	30	15	15	1/1	--	--	--	--	--	3,2	3,2	3,2
3.	Biology	II	135	75	60	3/2	2/2	--	--	--	--	8,2	8,2	8,2
4.	Medical Physics	II	90	45	45	1/1	2/2	--	--	--	--	5,8	5,8	5,8
5.	Medical Chemistry	II	90	45	45	1/1	2/2	--	--	--	--	5,8	5,8	5,8
6.	Latin language and Medical Terminology	II- ongoing assessment	60	0	60	0/2	0/2	--	--	--	--	4,9	4,9	4,9
7.	Student Sport	II- ongoing assessment	60	0	60	0/2	0/2	--	--	--	--	3,0	3,0	3,0
8.	Bulgarian language for international students *	II- ongoing assessment	120	0	120	0/4	0/4	--	--	--	--	--	6,3	6,3
9.	<i>Elective courses compulsory – choice up to</i>	--	--	--	--	--	--	--	--	--	--	5,5	3,8	3,8
10.	Biophysics	III	75	30	45	--	--	2/3	--	--	--	4,0	4,0	4,0
11.	Medical Psychology	III	30	15	15	--	--	1/1	--	--	--	1,2	1,2	1,2
12.	Biostatics and Medical Informatics	III- ongoing assessment	45	15	30	--	--	1/2	--	--	--	2,3	2,3	2,3
13.	Human Anatomy and Histology	IV	375	165	210	2/2	3/5	3/5	3/2	--	--	21,0	21,0	21,0
14.	Physiology	IV	225	105	120	--	--	3/4	4/4	--	--	12,0	12,0	12,0
15.	Medical Biochemistry	IV	210	120	90	--	--	4/3	4/3	--	--	10,4	10,4	10,4
16.	Social Medicine	IV	105	60	45	--	--	2/1	2/2	--	--	5,2	5,2	5,2
17.	<i>Elective courses compulsory – choice up to</i>	--	--	--	--	--	--	--	--	--	--	5,5	3,2	3,2
18.	Medicine of Disasters	V - ongoing assessment	45	15	30	--	--	--	--	1/2	--	2,3	2,3	2,3
19.	Medical Genetics	V	60	30	30	--	--	--	--	2/2	--	2,9	2,9	2,9

№	DISCIPLINES	EXAMS DURING SEMESTER	HOURS			DISTRIBUTION BY SEMESTERS						ECTS CREDITS		
			Total	Lectures	Seminars	I	II	III	IV	V	VI	Bulgarian students	Foreign students – Bulgarian language	Foreign students – English language
<b>I. PRE-CLINICAL TRAINING AND PROPAEDEUTICS</b>														
20.	Medical Microbiology	VI	150	90	60	--	--	--	--	3/2	3/2	7,7	7,7	7,7
21.	Pathophysiology	VI	120	60	60	--	--	--	--	2/2	2/2	6,8	6,8	6,8
22.	Pharmacology	VI	165	75	90	--	--	--	--	3/3	2/3	8,6	8,6	8,6
23.	Propaedeutics of Internal Diseases	VI	240	60	180	--	--	--	--	2/6	2/6	11,6	11,6	11,6
24.	General and Operative Surgery	VI	165	60	105	--	--	--	--	2/3	2/4	8,6	8,6	8,6
25.	General Pathology	--	105	45	60	--	--	--	--	2/2	1/2	--	--	--
26.	<i>Elective courses compulsory – choice up to</i>	--	--	--	--	--	--	--	--	--	--	5,5	3,2	3,2
<b>Total number of hours pre-clinical training and propaedeutics</b>			<b>2670</b>	<b>1170</b>	<b>1500</b>	11/14	9/15	16/19	13/11	17/22	12/19			
27.	Summer practices													
	27.1. after the II-nd semester	--	120	--	--	--	--	--	--	--	--	6,8	6,8	6,8
	27.2. after the IV-th semester	--	120	--	--	--	--	--	--	--	--	6,8	6,8	6,8
	27.3. after the VI-th semester	--	120	--	--	--	--	--	--	--	--	7,8	7,8	7,8
<b>Total number of academic hours</b>			<b>3030</b>											
<b>Total number of credits pre-clinical training and propaedeutics</b>												<b>180</b>	<b>180</b>	<b>180</b>
№	DISCIPLINES				HOURS			CYCLE / EXAM		ECTS CREDITS				
					Total	Lectures	Seminars	Course	Duration in days	Bulgarian students	Foreign students – Bulgarian language	Foreign students – English language		
<b>II. CLINICAL</b>														
28.	Image Diagnostics, Nuclear Medicine and Rational Oncology				135	40	95	IV	20	5,0	5,0	5,0		
28.1	Image Diagnostics				70	20	50	IV	10	--	--	--		
28.2	Nuclear medicine				35	10	25	IV	5	--	--	--		
28.3	Oncology				30	10	20	IV	5	--	--	--		
29.	Oto – Rhino – Laryngology				90	30	60	IV	15	3,6	3,6	3,6		
30.	Hygiene, Ecology and Occupational Diseases				150	45	105	IV	20	6,0	6,0	6,0		
30.1	Hygiene, Ecology and Occupational Diseases				110	35	75	IV	15	--	--	--		
30.2	Occupational diseases				40	10	30	IV	5	--	--	--		
31.	Ophthalmology				75	30	45	IV	15	3,6	3,6	3,6		

№	DISCIPLINES	HOURS			CYCLE / EXAM		ECTS CREDITS		
		Total	Lectures	Seminars	course	Duration in days	Bulgarian students	Foreign students – Bulgarian language	Foreign students – English language
<b>II. CLINICAL</b>									
32.	Neurology	120	60	60	IV	22	5,9	5,9	5,9
33.	General Medicine **	30	15	15	IV- ongoing assessment	5	3,2	3,2	3,2
34.	Clinical Pathology	105	45	60	IV	20	8,0	8,0	8,0
	Clinical practice - IV course	--	--	374	--	--	7,8	7,8	7,8
35.	Internal Diseases and Therapy	510	150	360	V	92	21,6	21,6	21,6
35.1	Cardiology	85	25	60	IV	15	--	--	--
35.2	Gastroenterology	85	25	60	IV	15	--	--	--
35.3	Nephrology	85	25	60	IV	15	--	--	--
35.4	Pulmonology	85	25	60	IV	15	--	--	--
35.5	Hematology	55	15	40	V	10	--	--	--
35.6	Endocrinology	55	15	40	V	10	--	--	--
35.7	Rheumatology	24	8	16	V	6	--	--	--
35.8	Allergology	18	6	12	V	3	--	--	--
35.9	Toxicology	18	6	12	V	3	--	--	--
35.10	Clinical Laboratory	60	30	30	V- ongoing assessment	10	2,4	2,4	2,4
35.11	Clinical Immunology	30	15	15	V- ongoing assessment	5	1,2	1,2	1,2
	Total number of academic hours p.35	600	195	405					
36.	Surgery	270	90	180	V	40	10,8	10,8	10,8
36.1	Thoracic Surgery	36	12	24	IV	6	--	--	--
36.2	Cardiac and Vascular Surgery	24	8	16	IV	4	--	--	--
36.3	Surgery	184	60	124	V	25	--	--	--
36.4	Pediatric Surgery	18	6	12	V	3	--	--	--
36.2	Maxillofacial Surgery	6	2	4	V	1	--	--	--
36.2	Plastic and Reconstructive Surgery	2	2	0	V	1	--	--	--
37.	Clinical Pharmacology	60	30	30	V- ongoing assessment	10	2,4	2,4	2,4
38.	Obstetrics and Gynecology	210	60	150	V	30	8,0	8,0	8,0
39.	Dermatology and Venerology	90	45	45	V	15	3,6	3,6	3,6
40.	Pediatrics	210	90	120	V	30	8,4	8,4	8,4
41.	Orthopedics and Traumatology	90	30	60	V	15	3,6	3,6	3,6
42.	Neurosurgery	30	10	20	V- ongoing assessment	5	1,2	1,2	1,2
	Clinical practice - V course	--	--	364	--	--	9,7	9,7	9,7

№	DISCIPLINES	HOURS			CYCLE / EXAM		ECTS CREDITS			
		Total	Lectures	Seminars	Course	Duration in days	Bulgarian students	Foreign students– Bulgarian language	Foreign students– English language	
<b>II. CLINICAL</b>										
43.	Psychiatry	75	45	30	VI	15	3,6	3,6	3,6	
44.	Urology	45	15	30	VI- ongoing assessment	10	2,4	2,4	2,4	
45.	Anesthesiology and Reanimation	75	30	45	VI	15	3,6	3,6	3,6	
46.	Physiotherapy and Rehabilitation	45	15	30	VI- ongoing assessment	10	2,4	2,4	2,4	
47.	Epidemiology, Infectious Diseases, Medical Parasitology and Tropical Diseases	150	75	75	VI	30	7,2	7,2	7,2	
47.1	Epidemiology	60	30	30	VI	15	--	--	--	
47.2	Infectious Diseases	60	30	30	VI	10	--	--	--	
47.3	Medical Parasitology and Tropical Diseases	30	15	15	VI	5	--	--	--	
48.	Forensic Medicine and Deontology	75	30	45	VI	15	3,6	3,6	3,6	
	Clinical practice - VI course	--	--	190	--	--	6,2	6,2	6,2	
49.	<i>Elective courses compulsory – choice up to</i>	--	--	--	--	--	5,0	5,0	5,0	
<b>TOTAL NUMBER OF INSTRUCTIONAL DAYS- CYCLE SYSTEM</b>						<b>464</b>				
<b>TOTAL NUMBER OF HOURS IN CLINICAL DISCIPLINES</b>		<b>2730</b>	<b>1025</b>	<b>1705</b>						
<b>TOTAL NUMBER OF ECTS CREDITS</b>							<b>150</b>	<b>150</b>	<b>150</b>	
<b>TOTAL NUMBER OF HOURS FOR THE COURSE OF EDUCATION</b>						<b>5760</b>	<b>2195</b>	<b>3205</b>		
<b>TOTAL NUMBER OF ECTS CREDITS FOR THE COURSE OF EDUCATION</b>							<b>330</b>			
<b>III. PRE-GRADUATE INTERNSHIP AND STATE EXAMS</b>										
№	DISCIPLINES	PRE-GRADUATE INTERNSHIP		STATE EXAMS	ECTS CREDITS					
		Duration in days	Academic hours		Bulgarian students	Foreign students– Bulgarian language	Foreign students– English language			
1.	Internal Diseases	30	240	Internal Diseases	15,6	15,6	15,6			
2.	Surgery	30	240	Surgery	15,6	15,6	15,6			
3.	Obstetrics and Gynecology	30	240	Obstetrics and Gynecology	15,6	15,6	15,6			
4.	Pediatrics	30	240	Pediatrics	15,6	15,6	15,6			

5.	Hygiene, Infectious Diseases, Epidemiology and Social Medicine	35	280	Hygiene, Infectious Diseases, Epidemiology and Social Medicine	17,2	17,2	17,2
6.	Examination Sessions	20	160	--	5,2	5,2	5,2
7.	General Medicine	15	120	--	3,8	3,8	3,8
8.	Examination Sessions	50	--	--	--	--	--
9.	Clinical practice- cycle system	116	928	--	--	--	--
<b>DURATION OF THE PRE-GRADUATE INTERNSHIP</b>		<b>356</b>	<b>--</b>	<b>--</b>			
<b>TOTAL NUMBER OF HOURS OF THE PRE-GRADUATE INTERNSHIP</b>		<b>--</b>	<b>2448</b>	<b>--</b>			
<b>TOTAL NUMBER OF ECTS CREDITS OF THE PRE-GRADUATE INTERNSHIP</b>			<b>--</b>	<b>--</b>	<b>88,6</b>	<b>88,6</b>	<b>88,6</b>
<b>TOTAL NUMBER OF HOURS OF THE STUDY PROGRAMME</b>			<b>8208</b>	<b>--</b>			
<b>TOTAL NUMBER OF ECTS OF THE STUDY PROGRAMME</b>			<b>--</b>	<b>--</b>	<b>418,6</b>	<b>418,6</b>	<b>418,6</b>

\* Students who study Medicine in English take additional classes in Bulgarian language which have to be taken in the form of elective courses- 420 hours in the first, second and third year.

\*\*In compliance with the Ordinance on the State Requirements for the Acquisition of Higher Education in the specialty of Medicine, the classes in “General Medicine” are divided into semester education and pre-graduate internship.

**For the academic year 2017/18, the suggested topics for elective and facultative courses are published on the official website of the Faculty of Medicine - [http: /medfac.mu-sofia.com](http://medfac.mu-sofia.com).**