

## Study program - Medicine Medical University – Sofia

DISCIPLINES		EXAMS DURING SEMESTER	HOURS			SEMESTERS			I V	V	VI
			Total	Lectures	Practical Classes	I	II	III			
1.	Biology	II	135	75	60	3/2	2/2	--	--	--	--
2.	Medical Physics	II	90	45	45	1/1	2/2	--	--	--	--
3.	Medical Chemistry	II	90	45	45	1/1	2/2	--	--	--	--
4.	Latin language and Medical Terminology	II	60	--	60	0/2	0/2	--	--	--	--
5.	Anatomy and Histology	IV	375	165	210	2/2	3/5	3/5	3/ 2	--	--
6.	Cytology	I	90	45	45	3/3	--	--	--	--	--
7.	Biophysics	III	75	30	45	--	--	2/3	--	--	--
8.	Medical Biochemistry	IV	210	120	90	--	--	4/3	4/ 3	--	--
9.	Physiology	IV	225	105	120	--	--	3/4	4/ 4	--	--
10.	Medical Informatics and Biostatistics	III	45	15	30	--	--	1/2	--	--	--
11.	Medical Ethics	I	30	15	15	1/1	--	--	--	--	--
12.	Bulgarian language for international students	II	120	--	120	0/4	0/4	--	--	--	--
13.	Student Sport	III	90	--	90	0/2	0/2	0/2	--	--	--
14.	Social Medicine	V	105	60	45	--	--	--	2/ 1	2/ 2	--
15.	Microbiology	V	150	90	60	--	--	--	2/ 2	4/ 2	--
16.	Medicine of Disasters	V	45	15	30	--	--	--	--	1/ 2	--
17.	Medical Genetics	V	60	30	30	--	--	--	--	2/ 2	--
18.	Pathophysiology	VI	120	60	60	--	--	--	--	2/ 2	2/ 2
19.	Pharmacology	VI	165	75	90	--	--	--	--	3/ 3	2/ 3
20.	General Pathology	VI	105	45	60	--	--	--	--	2/ 2	½
21.	Propaedeutics of	VI	240	60	180	--	--	--	--	2/ 2	2/ 2

	internal diseases									6	6
22.	General and Operative Surgery	<b>VI</b>	165	60	105	--	--	--	--	2/3	2/4
	Total hours pre-clinical training and propaedeutics		2670	1155	1515						

23.	Image Diagnostics, nuclear medicine rational therapy	<b>IV year</b>		105	30	75		Cycle
24.	Oto – Rhino – Laryngology	<b>IV</b>		90	30	60		Cycle
25.	Hygiene, Ecology and Occupational Diseases	<b>IV</b>		150	45	105		Cycle
26.	Ophthalmology	<b>IV</b>		75	30	45		Cycle
27.	Neurology	<b>IV</b>		120	60	60		Cycle
28.	General Medicine	<b>IV</b>		30	15	15		
29.	Clinical Pathology	<b>IV</b>		105	45	60		Cycle
30.	Clinical Pharmacology	<b>V</b>		60	30	30		Cycle
31.	Obstetrics and Gynecology	<b>V</b>		210	60	150		Cycle
32.	Dermatology and Venerology	<b>V</b>		90	45	45		Cycle
33.	Psychiatry	<b>VI</b>		75	45	30		Cycle
34.	Internal Diseases and Therapy							
	- clinical Laboratory	<b>V</b>		510	150	360		Cycle IV-V
	- clinical Immunology	<b>V</b>		60	30	30		Cycle
	<b>Total</b>	<b>V</b>		30	15	15		Cycle
				600	195	405		

35.	Surgery	V	270	90	180	Cycle IV-V
36.	Neurosurgery	V	30	15	15	
37.	Orthopedics and Traumatology	V	90	30	60	Cycle
38.	Urology	VI	45	15	30	Cycle
39.	Anesthesiology and Reanimation	VI	75	30	45	Cycle
40.	Pediatrics	V	210	90	120	Cycle
41.	Physiotherapy and rehabilitation	VI	45	15	30	Cycle
42.	Epidemiology	VI	60	30	30	Cycle
43.	Infectious Diseases	VI	60	30	30	Cycle
44.	<b>Medical Parasitology and Tropical Diseases</b>	VI	30	15	15	Cycle
45.	Forensic Medicine and Deontology	VI	75	30	45	Cycle
	<b>Total hours in clinical disciplines</b>		<b>2700</b>	<b>1020</b>	<b>1680</b>	

The teaching hours of “General medicine” are allocated during the semester education and pre-graduate probation according to the Regulations.

## **I. SUMMER PRACTICE**

- |                            |                    |
|----------------------------|--------------------|
| - after the II-d semester  | - 15 calendar days |
| - after the IV-th semester | - 15 calendar days |
| - after the VI-th semester | - 15 calendar days |

## **TOTAL HOURS OF PRACTICE**

After the I-st, II-d and III-d year-45 days, 8 hours per day = 360 hours

## **II. CLINICAL PRACTICE AND PRE-GRADUATE PROBATION**

IV-th and V-th year and VI-th year /module system/

- |                                       |                        |
|---------------------------------------|------------------------|
| 90 weeks + 2 day for 5 working days   | - 452 working days     |
| 452 working days; 2 hours per day     | - 904 hours = 113 days |
| - VI-th year – pre-graduate probation |                        |
| 240 calendar days; 8 hours per day    | -1920 hours            |

**TOTAL: CLINICAL PRACTICE AND  
PRE-GRADUATE PROBATION - 2 824 hours**

## **III. ALLOCATION OF PRE-GRADUATE PROBATION /in calendar days/**

Internal Diseases	- 30 days
Surgery	- 30 days
Obstetrics and Gynecology	- 30 days
Hygiene, Infectious Diseases, Epidemiology and Social Medicine	- 35 days
General Medicine	- 15 days
Emergency Medicine	- 20 days
180 days	
Examination Sessions	- 50 days
TOTAL	240 days

For the Academic Year 2012/13 elective courses/modules in pre-clinic and propaedeutics are included. They are described in topics, hours and credits in the “Supplement to the Regulations for Preparation and Organization of the Academic 2008/09”. For participation in research projects; participation in scientific sessions with papers; publications in Bulgarian and international magazines – total – 8,4 credits.

## ECTS CREDITS

### First Year

<b>DISCIPLINES</b>	<b>CREDITS</b>
Cytology	6,6
Medical Ethics	3,2
Biology	8,2
Physics	5,8
Chemistry	5,8
Latin Language	4,9
Summer practice	5,8

### Second Year

<b>DISCIPLINES</b>	<b>CREDITS</b>
Biophysics	4
Medical Informatics	2,3
Sports	4,6
Anatomy and Histology	21
Physiology	12
Biochemistry	10,4
Foreign language	7,3
Summer practice	4,8
Elective courses compulsory - choice up to	4,8

### Third Year

<b>DISCIPLINES</b>	<b>CREDITS</b>
Social medicine	5,2
Microbiology	7,7
Medicine of disasters	2,3
Medical Genetics	2,9
Pathophysiology	6,8
Pharmacology	8,6
Propaedeutics of internal diseases	11,6

---

General and Operative Surgery	8,6
	4,8

Summer practice

**Total** **180**

## ECTS CREDITS

### First Year

<b>DISCIPLINES</b>	<b>CREDITS</b>
Cytology	6,6
Medical Ethics	3,2
Biology	8,2
Physics	5,8
Chemistry	5,8
Latin Language	4,9
Summer practice	5,8

### Second Year

<b>DISCIPLINES</b>	<b>CREDITS</b>
Biophysics	4
Medical Informatics	2,3
Sports	4,6
Anatomy and Histology	21
Physiology	12
Biochemistry	10,4
Foreign language	7,3
Summer practice	4,8
Elective courses compulsory - choice up to	4,8

### Third Year

<b>DISCIPLINES</b>	<b>CREDITS</b>
Social medicine	5,2
Microbiology	7,7
Medicine of disasters	2,3
Medical Genetics	2,9
Pathophysiology	6,8
Pharmacology	8,6
Propaedeutics of internal diseases	11,6

---

General and Operative Surgery	8,6
	4,8

Summer practice

**Total** **180**

## ECTS CREDITS

### Fourth Year

<b>DISCIPLINES</b>	<b>CREDITS</b>
Image Diagnostics, Nuclear Medicine and Rational Therapy	4
Oto-Rhino-Laryngology	3,6
Ophthalmology	3,6
Hygiene, Ecology and Occupational diseases	6
Neurology	5,9
Clinical Pathology	4,2
General medicine	3,2
Elective courses/ advisory/ -choice up	2,9
Clinical practice	10,8

### Fifth Year

<b>DISCIPLINES</b>	<b>CREDITS</b>
Internal Diseases	21,6
Surgery	10,8
Obstetrics and Gynecology	8
Pediatrics	8,4
Orthopedics and Traumatology	3,6
Dermatology and Venerology	3,6
Clinical laboratory	2,4
Clinical Immunology	1,2
Clinical Pharmacology	2,4
Neurosurgery	1,2
Clinical Practice	12,7

### Sixth Year

<b>DISCIPLINES</b>	<b>CREDITS</b>
Epidemiology, Infectious Diseases, Parasitology, Tropical Diseases	7,2
Forensic Medicine and Deontology	3,6
Psychiatry	3,6
Anesthesiology and Reanimation	3,6
Physiotherapy	2,4
Urology	2,4
Clinical Practice	6,2
Elective courses/advisory/ - choice up to	4
<b>Total</b>	<b>150,2</b>

## PRE-GRADUATE PROBATION

<b>DISCIPLINES</b>	<b>TOTAL</b>
Internal Diseases	15,6
Surgery	15,6
Obstetrics and Gynecology	15,6
Pediatrics	15,6
Hygiene, Epidemiology, Infectious Diseases, and Social Medicine	17,2
General Medicine	3,8
Emergency Medicine	5,0
<b>Total</b>	<b>88,4</b>