

Academic 2014/15

**CURRICULUM**  
**Master's Degree – Medical Doctor**  
 The complete course of education lasts for 6 years

DISCIPLINES		EXAMS  DURING SEMESTER	HOURS			SEMESTERS					
			Total	Lectures	Practical Classes	I	II	III	IV	V	VI
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.	Human Anatomy and Histology	IV	375	165	210	2/2	3/5	3/5	3/2	--	--
6.	Human Cytology, general histology and embryology	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	--



			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.	Medical Parasitology and Tropical Diseases	VI	30	15	15	Cycle
45.	Forensic Medicine and Deontology	VI	75	30	45	Cycle
	<b>Total hours in clinical disciplines</b>		<b>2 700</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
Anatomy and Histology	10,2
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
General Pathology	6,2
Propaedeutics of internal diseases	11,6

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General and Operative Surgery	8,6
Summer practice	4,8
<b>Total</b>	<b>180</b>

#### 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 to	<b>2,9</b>
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>