	медицински университет - плевен	Версия	2
	And	Изменение	1
НК раздел 8	УЧЕБЕН ПЛАН	CTD 1 0T 7	,
пк раздел о	ПРИЛОЖЕНИЕ 8.3	Стр. 1 от 7	

MEDICAL UNIVERSITY - PLEVEN FACULTY OF MEDICINE

Approved:

/RECTOR: Prof. Dobromir Dimitrov, MD, PhD/

For students enrolled in 2023/2024 academic year Approved on Academic council (Protocol №28/30.10.2023)

CURRICULUM

MASTERS' DEGREE

SPECIALTY MEDICINE

Professional direction: 7.1. MEDICINE

Field of higher education: 7. HEALTHCARE AND SPORTS

Professional qualification: PHYSICIAN Study period: 6 YEARS /12 SEMESTERS/

Form of study: Full - time

Pleven 2023

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	dans.	Изменение	1
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НК раздел 8	ПРИЛОЖЕНИЕ 8.3	Стр. 2 от 7	

Features of the curriculum

- 1. The training in the specialty "Medicine" has a total schedule of a minimum of 5616 academic hours of classroom theoretical training.
- 2. Theoretical preparation
- 2.1. Theoretical training in mandatory disciplines related to medical education

The theoretical training of the students of the "Medicine" specialty in mandatory disciplines related to the study of the specialty includes 5001 academic hours of auditorium classes and 3804 academic hours of non-auditorium activities. After successfully passing the training course and passing the semester exams in these disciplines, students accumulate 293.5 credits.

2.2. Theoretical training in mandatory disciplines non related to medical education

The theoretical preparation of the students of the specialty "Medicine" in compulsory disciplines unrelated to the studies in the specialty includes:

For students from an English-language study course: 810 academic hours of classroom work and 255 academic hours outside the classroom/From the disciplines of Physical Education and Sports and Bulgarian Language/. After successfully passing the training course and passing the semester exams in these disciplines, students accumulate 35.5 credits.

2.3. Theoretical training in optional disciplines.

During their studies, students majoring in "Medicine" must study a minimum of 5 elective subjects - 195 academic hours of classroom work and 90 academic hours of extracurricular work. After successfully passing the training course and passing the semester exams in these disciplines, students accumulate 9.5 credits.

- 2.4. Theoretical training in optional subjects: 18 optional subjects are offered, which, if selected, bring additional credits to the students
- 3. Practical training:
- 3.1. Academic practice after the third and fourth year 300 hours / 10 credits
- 3.2. Pre-graduate internship 1440 hours / 48 credits. The pre-graduate internship takes place in the University Hospitals on the territory of the city of Pleven and in other accredited public and private medical and health facilities, with which the Rector has concluded a contract after the end of the X semester, with a duration of 336 calendar days/240 working days of 6 hours per day.
- 4. State exams The training for acquiring a higher education in the specialty "Medicine" ends with state exams in: Internal medicine; Surgery diseases; Obstetrics and Gynecology; Pediatrics; Hygiene, infectious diseases and epidemiology and social medicine. After successfully passing them, students accumulate 15 credits.

The total number of ECTS credits of the study course is 411.5 credits.

		Версия	2
		Изменение	1
НК раздел 8	УЧЕБЕН ПЛАН	Стр. 3 от 7	
тік раздел о	ПРИЛОЖЕНИЕ 8.3	OIP. 3 01 7	

№ Compulsory disciplines	State requirements (total academic hrs)	auditorium classes	lectures	practicals	non- auditorium classes	total	ECTS credits			l				ectures/practical		lu.	l.	final exam
related to medical education		20		20	420	240		CO /OO 7	JI .	III	IV	V	VI	VII	VIII	IX	Х	semester
1 Cytology, general histology and human embryology	90	90	60	30	120	210		60/30-7										1
2 Physics	90	90	45	45	90	180		45/45-6							1		+	1
3 Chemistry	90	90	45	45	90	180		45/45-6										1
4 Biology	105	105	45	60	105	210		30/30-4										2
5 Latin language with Medical Terminology	60	60	0	60	45	105		0/30-1.5		45 /60 5								2
6 Human anatomy	315	315	90	225	345	660			_	45/60-7								3
7 Biophysics	60	60	30	30	45	105	3.5		30/30-3.5									2
8 Physiology	195	195	75	120	180	375	12.5			45/60-7								3
9 Biochemistry	180	180	90	90	165	345	11.5			45/45-6.5								3
Social Medicine	120	90	30	60	90	180	6				15/30-3							4
10 and Medical Ethics		30	15	15	30	60	2				15/15-2							4
11 Microbiology	135	135	60	75	150	285	9.5			30/30-5	30/45-4.5							4
12 Medical Genetics	60	60	30	30	60	120	4					30/30-4						5
13 Pathological Physiology	105	105	45	60	105	210	7				15/30-2.5	30/30-4.5						5
14 Pathoanatomy and Cytopathology	210	210	90	120	180	390	13				30/30-3.5	15/30-2.5	30/30-3.5	15/30-3.5				7
15 General and Operative Surgery	165	165	60	105	165	330	11				30/45-5	30/60-6						5
16 Propeudeutics of Internal Diseases	240	240	75	165	210	450	15				45/90-8	30/75-7						5
17 Hygiene, Ecology and Occupational Diseases	150	150	75	75	120	270	9						45/45-5					6
18 Roentgenology and Radiology	105	105	45	60	75	180	6						30/45-4					6
19 Disaster Medicine	45	45	30	15	30	75	2.5						30/15-2.5					6
20 Pharmacology	150	150	60	90	90	240	8						30/45-4	30/45-4				7
21 Otorhinolaryngology	90	90	45	45	45	135	4.5							45/45-4.5				7
22 Ophthalmology	75	75	45	30	45	120	4						45/30-4					6
23 Obstetrics and Gynecology	210	210	75	135	120	330	11						15/45-3	30/45-4	30/45-4			8
24 Neurology	120	120	60	60	60	180	6							30/30-3	30/30-3			8
25 Orthopeadics and Traumatology	90	90	30	60	45	135	4.5								30/60-4.5			8
26 Anaesthesiology and Intensive Care	60	60	30	30	30	90	3								30/30-3			8

		Версия	2
	· · · · · · · · · · · · · · · · · · ·	Изменение	1
НК раздел 8	УЧЕБЕН ПЛАН	Стр. 4 от 7	
тік раздел о	ПРИЛОЖЕНИЕ 8.3	51p. 4 01 7	

Nº	Compulsory disciplines	State requirements (total academic hrs)	auditorium classes	lectures	practicals	non- auditorium classes	total	ECTS credits			Academ	ic hours du	ring semester	/lectures/practic	als/credits			final exam
	related to medical education								II		IV	٧	VI	VII	VIII	IX	X	semester
	Internal Diseases and Therapy, Clinical Laboratory and Immunology	600																
	IDT - Clinical Laboratory		60	30	30	30	90	3					30/30-3					6
	IDT - Pulmology *		90	30	60	45	135	4.5						30/60-4.5				8
	IDT - Endocrinology*		60	15	45	30	90	3							15/45-3			8
	IDT - Rheumatology*		20	10	10	10	30	1						10/10-1.0				8
	IDT - Cardiology*		135	45	90	75	210	7						15/30-2.5	30/60-4.5			8
	IDT - Gastroenterology**		90	30	60	45	135	4.5								30/60-4.5		10
	IDT - Nephrology**		60	15	45	45	105	3.5									15/45-3.5	10
	IDT - Hematology**		60	15	45	45	105	3.5									15/45-3.5	10
27	IDT - Immunology		45	15	30	30	75	2.5									15/30-2.5	10
28	Neurosurgery		16	8	8	14	30	1								8/8-1.0		9
29	Surgery Diseases	270	270	90	180	135	405	13.5						30/60-4.5	30/60-4.5	30/60-4.5		9
30	Dermatology and Venerology	90	90	30	60	45	135	4.5							15/30-2	15/30-2.5		9
31	Urology	45	45	15	30	30	75	2.5								15/30-2.5		9
32	Physiotherapy and Rehabilitation	45	45	15	30	30	75	2.5								15/30-2.5		9
33	General Medicine	60	60	15	45	45	105	3.5		5/15-1.5			5/15-1			5/15-1		9
34	Forensic Medicine and Deontology	75	75	30	45	45	120	4								15/15-1.5	15/30-2.5	10
35	Pediatrics	210	210	60	150	120	330	11								30/60-4.5	30/90-6.5	10
36	Epidemiology, Infectious Diseases, Medical Parasitology and Tropical Me	150	150	60	90	75	225	7.5								30/45-3.5	30/45-4	10
37	Psychiatry	75	75	30	45	45	120	4									30/45-4	10
38	Clinical Pharmacology	30	30	15	15	30	60	2									15/15-2	10
	Total:	4965	5001	1953	3048	3804	8805	293.5										

	медицински университет - плевен	Версия	2
	And	Изменение	1
1116	УЧЕБЕН ПЛАН	0 5 7	
НК раздел 8	ПРИЛОЖЕНИЕ 8.3	Стр. 5 от 7	

Nº Co	mpulsory disciplines	State requirements (total academic hrs)	auditorium classes	lectures	practicals	non- auditorium classes	total	ECTS credits				Academi	c hours dur	ing semester/le	ectures/practic	als/credits			final exam
no	on-related to medical education									II	III	IV	V	VI	VII	VIII	IX	X	semester
39 Ph	ysical Education and Sports		300	0	300	0	300	10	0/30-1	0/30-1	0/30-1	0/30-1	0/30-1	0/30-1	0/30-1	0/30-1	0/30-1	0/30-1	10
40 Bu	lgarian language		510	0	510	255	765	25.5	0/90-4.5	0/90-4.5	0/90-4.5	0/90-4.5	0/90-4.5	0/60-3					2,4,6
			Auditorium			Non-auditorium						Akade	mic hours du	ring semester/le	ctures/practical	s/credits			final exam
No	Optional subjects	SR	classes	lectures	practicals	classes	total	ECTS credits	l	I	III	IV	٧	VI	VII	VIII	IX	X	semeter
1 Inf	formatics		30	15	15	15	45	1.5	15/15-1.5										1
2 M	edical Psychology		30	15	15	15	45	1.5	15/15-1.5										1
3 M	edical Statistics		30	15	15	15	45	1.5				15/15-1.5							4
4 Tra	aining in Communication Skills		30	4	26	15	45	1.5				4/26-1.5							4
5 Cli	nical Allergology		30	15	15	15	45	1.5							15/15-1.5				7
6 Cli	nical Toxicology		30	15	15	15	45	1.5							15/15-1.5				7
7 Em	nergency Medicine		75	30	45	30	105	3.5								15/15-1.5	15/30-2		9
8 Or	ncology		75	30	45	30	105	3.5								15/15-1.5	15/30-2		9
9 Mi	inimally invasive surgery		30	15	15	15	45	1.5										15/15-1.5	10
10 Pa	lliative medicine		30	15	15	15	45	1.5										15/15-1.5	10
11 Ca	rdiac surgery, invasive cardiology and ultrasound		30	15	15	15	45	1.5										15/15-1.5	10
To	tal:		420	184	236	195	615	20.5											

	медицински университет - плевен	Версия	2
	Assures Assures	Изменение	1
НК раздел 8	УЧЕБЕН ПЛАН	Стр. 6 от 7	,
тих раздел о	ПРИЛОЖЕНИЕ 8.3	O1p. 0 01 7	

			Auditorium			Non-auditorium						Acade	mic hours du	ring semester/l	ectures/practicals/c	redits			final exam
Nº	Facultative courses	SR	classes	lectures	practicals	classes	total	ECTS credits	I	I	III	IV	٧	VI	VII	VIII	IX	X	semeter
1 P	arasitology - protozoa and helminths		20	8	12	10	30	1										8/12-1.0	10
2 C	ourse in Medical Latin language		30	0	30	15	45	1.5		0/30-1.5									7
3 T	opographic Anatomy and Image Diagnostics		30	16	14	15	45	1.5			16/14-1.5								3
4 C	linical Homeopathy - treatment method		22	22	. 0	23	45	1.5							22/0-1.5				7
5 P	hysiology of Physical Work and Valuation																		
0	f the Functional Capacity of the Human Body		15	15	0	15	30	1			15/0-1] :
6 T	ropical Medicine		10	10	0	5	15	0.5										10/0-0.5	10
7 P	athological biochemistry		30	15	15	15	45	1.5							15/15-1.5				
8 A	cupuncture		30	15	15	15	45	1.5									15/15-1.5		!
9 S	ports Medicine		45	30	15	15	60	2			30/15-2								
10 lr	njection manipulations & bandaging techniques		30	0	30	15	45	1.5				0/30-1.5							
11 P	hysical Education and Sports - specialized		60	0	60	0	60	2	0/30-1	0/30-1									
12 P	ulmonary Medicine		16	16	0	14	30	1							16/0-1				
13 F	oreign language(English, German, French)		60	0	60	30	90	3			0/30-1	0/30-2							
14 B	ulgarian folklore dances		60	0	60	0	60	2					0/30-1	0/30-1					
15 P	ain Medicine		20	15	5	25	45	1.5										15/5-1.5	10
16 G	Seriatrics		20	16	4	25	45	1.5										16/4-1.5	10
17 G	ilobal Health		15	10	5	15	30	1					10/5-1.0						!
18 N	lational diets and traditional foods		15	10	5	15	30	1						10/5-1.0					
T	otal:		528	198	330	267	795	26.5											
			Auditorium			Non-auditorium						Academi	ic hours dur	ring semester/l	ectures/practical	s/credits			final exam
Nº	CLINICAL SUMMER PRACTICES	SR	classes	lectures	practicals	classes	total	ECTS credits	il .	I	III	IV	V	VI	VII	VIII	IX	Х	semeter
1 lr	nternal Disease and Surgery Diseases	150h-30 c.d.	150h-30 c.d.	0	150	0	150	5							0/150-5				none
	Obstetrics and Gynecology, Endocrinology,																		
	ulmology, Neurology	150h-30 c.d.	150h-30 c.d.	0	150	0	150	5								1	0/150-5		none

		Версия	2
		Изменение	1
НК раздел 8	УЧЕБЕН ПЛАН	Стр. 7 от 7	
тік раздел о	ПРИЛОЖЕНИЕ 8.3	OIP. 7 OI 7	

			Auditorium			Non-auditorium						Academic	hours dur	ing semester/le	ctures/practicals	c/credits			final exam
Nº	STATE CLINICAL PRACTICE /INTERNSHIP/	SR	classes	lectures	practicals	classes	total	ECTS credits	l	II	III	IV	٧	VI	VII	VIII	IX	X	semeter
1	Internal Diseases	1320h-310 c.d	330	0	330	0	330	11											
2	Obstetrics and Gynecology		210	0	210	0	210	7											
3	Surgery Diseases		330	0	330	0	330	11											
4	Pediatrics		180	0	180	0	180	6											
5	Hygiene, Infectious diseases,		210	0	210	0	210	7											
	Epidemiology and Social medicine																		
6	Emergency cases in Medicine		90	0	90	0	90	3											
7	Optional Clinical Practice		90	0	90	0	90	3											
	Total:	1320h-310 c.d	1140h-336 c.d	0	1440	0	1440	48											
Nº	STATE EXAMS					Non-auditorium	total	ECTS credits											Final exam
1	Internal Diseases					90	90	3											12
2	Surgery Diseases					90	90	3											12
3	Obstetrics and Gynecology					90	90	3											12
4	Pediatrics					90	90	3											12
5	Hygiene, Infectious diseases,					90	90	3											12
	Epidemiology and Social medicine																		