Specialty *Clinical medicine*

Qualification

Specialist degree

Form of training *full-time*
Normative total duration of stu *6 years*
Total duration of study *6 years*
Period of study *from 01.09.2022 to 31.08.2028*

Approved
P.V.Glybochko
Chairperson, Academic Council of the
I.M. Sechenov First Moscow State Medical
University
14 June 2022
Protocol No

Curriculum of Basic Professional Educational Program of Higher Education (BPEP HE)

Unit 1. Disciplines (Modules)

1 Mandatory Part

№	*Division by Semesters*	*Division by Semesters*: *Examinations*	*Pass-Fail Examinations*	*Credits*	*HOURS*: *GRAND TOTAL*	*Classroom*: *GRAND TOTAL*	Examinations	Lectures	Laboratory courses	Practical Training	Clinical Practical Training	Seminars	Work on simulator	*Independent Study Work*
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1.	1 Physics, Mathematics		1	2	60	40	4	8	10	18				20
2.	2 Biology		1	3	90	60	4	14		42				30
3.	3 Basics of patients care		1	3	90	60	4	4			52			30
4.	4 Public Safety		1	3	90	60	4	12		44				30
5.	5 Human Anatomy	2		12	360	240	8	48		184				120
6.	6 Histology, Embryology, Cytology	2		6	180	120	8	24		88				60
7.	7 History		2	2	60	40	4	12				24		20
8.	8 Latin Language		2	2	60	40	4	2		34				20
9.	9 Foreign language		2	3	90	60	4			56				30
10.	10 Economics and Law		2	2	60	40	4	10		26				20
11.	11 Normal physiology	3		9	270	180	8	52		120				90
12.	12 Biological Chemistry	3		6	180	120	8	30		82				60
13.	13 Philosophy		3	2	60	40	4	10				26		20
14.	14 Psychology and Pedagogics		3	2	60	40	4	10		26				20
15.	15 Nursing		3	2	60	40	4	4			32			20
16.	16 Microbiology	4		9	270	180	8	44		128				90
17.	17 Topographic anatomy and operative surgery	4		6	180	120	8	24		88				60
18.	18 Pathological Anatomy	5		9	270	180	8	52		120				90
19.	19 Pathophysiology	5		9	270	180	8	40		132				90
20.	20 Propedeutics of Internal Diseases	5		9	270	180	8	24			148			90
21.	21 General Surgery	5		6	180	120	8	24			88			60
22.	22 Pharmacology	6		9	270	180	8	52		120				90
23.	23 Radiology		6	3	90	60	4	8			48			30
24.	24 Hygiene	6		4	120	80	8	24		48				40
25.	25 Public Health	6		4	120	80	8	24		48				40
26.	26 IT and e-health		6	3	90	60	4	8		48				30
27.	27 Internal Medicine (Basic course)	7		9	270	180	8	30			142			90
28.	28 Surgery (Basic course)	7		6	180	120	8	24			88			60
29.	29 Medical Genetics		7	2	60	40	4	6			30			20
30.	30 Dermatovenerology		7	3	90	60	4	8			48			30
31.	31 Urology		7	3	90	60	4	8			48			30
32.	32 Medical rehabilitation		7	3	90	60	4	8			48			30
33.	33 Neurology, Neurosurgery	8		6	180	120	8	24			88			60
34.	34 Obstetrics and Gynaecology	8,10		12	360	240	16	48			176			120
35.	35 Otorhinolaryngology		8	3	90	60	4	8			48			30
36.	36 Ophthalmology		8	3	90	60	4	8			48			30
37.	37 Anesthesiology, Critical Care		8	3	90	60	4	8			48			30
38.	38 Endocrinology		8	3	90	60	4	8			48			30
39.	39 Pediatrics	9		6	180	120	8	30			82			60
40.	40 Surgery (advanced course)	10		9	270	180	8	36			136			90
41.	41 Internal Medicine (Advanced course)	11		12	360	240	8	50			182			120
42.	42 Phthisiology		9	3	90	60	4	8			48			30
43.	43 Psychiatry, Medical Psychology	10		6	180	120	8	18			94			60
44.	44 Infectious Diseases	10		9	270	180	8	30			142			90
45.	45 Traumatology, Orthopedics	10		6	180	120	8	24			88			60
46.	46 Emergency and Disaster Medicine		10	2	60	40	4	4		12	20			20
47.	47 Oncology, Radiotherapy		11	3	90	60	4	8			48			30
48.	48 Forensic Medicine		11	3	90	60	4	8		48				30
49.	49 Ambulatory Medicine	11		9	270	180	8	30			142			90
50.	50 Oral and Maxillofacial Surgery		11	2	60	40	4	4			32			20

Distribution by years and semesters (semesters 1–6)

№	1 year				1 year				2 year				2 year				3 year				3 year			
	1		17 5/6w		2		18w		3		17 5/6w		4		18w		5		17 5/6w		6		18w	
	Lectures	Seminars, Pract. Tdsining	Credits	Independent Study Work	Lectures	Seminars, Pract. Tdsining	Credits	Independent Study Work	Lectures	Seminars, Pract. Tdsining	Credits	Independent Study Work	Lectures	Seminars, Pract. Tdsining	Credits	Independent Study Work	Lectures	Seminars, Pract. Tdsining	Credits	Independent Study Work	Lectures	Seminars, Pract. Tdsining	Credits	Independent Study Work
1	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
1.	8	28	2	20																				
2.	14	42	3	30																				
3.	4	52	3	30																				
4.	12	44	3	30																				
5.	24	96	6	60	24	88	6	60																
6.	12	48	3	30	12	40	3	30																
7.					12	24	2	20																
8.	2	18	1	10		16	1	10																
9.						56	3	30																
10.					10	26	2	20																
11.					24	56	4	40	28	64	5	50												
12.					18	42	3	30	12	40	3	30												
13.									10	26	2	20												
14.									10	26	2	20												
15.									4	32	2	20												
16.									24	76	5	50	20	52	4	40								
17.									12	48	3	30	12	40	3	30								
18.													28	72	5	50	24	48	4	40				
19.													22	78	5	50	18	54	4	40				
20.													12	68	4	40	12	80	5	50				
21.													12	48	3	30	12	40	3	30				
22.																	24	56	4	40	28	64	5	50
23.																	4	36	2	20	4	12	1	10
24.																					24	48	4	40
25.																					24	48	4	40
26.																					8	48	3	30
27.																					12	68	4	40
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Distribution by years and semesters (semesters 7–12)

№	4 year				4 year				5 year				5 year				6 year				6 year			
	7		18w		8		17 5/6w		9		18w		10		17 5/6w		11		18w		12		17 5/6w	
	Lectures	Seminars, Pract. Tdsining	Credits	Independent Study Work	Lectures	Seminars, Pract. Tdsining	Credits	Independent Study Work	Lectures	Seminars, Pract. Tdsining	Credits	Independent Study Work	Lectures	Seminars, Pract. Tdsining	Credits	Independent Study Work	Lectures	Seminars, Pract. Tdsining	Credits	Independent Study Work	Lectures	Seminars, Pract. Tdsining	Credits	Independent Study Work
1	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
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27.	18	74	5	50																				
28.	12	40	3	30																				
29.	6	30	2	20																				
30.	8	48	3	30																				
31.	8	48	3	30																				
32.	8	48	3	30																				
33.	12	48	3	30	12	40	3	30																
34.	12	48	3	30	12	40	3	30	12	48	3	30	12	40	3	30								
35.					8	48	3	30																
36.					8	48	3	30																
37.					8	48	3	30																
38.					8	48	3	30																
39.					16	44	3	30	14	38	3	30												
40.					12	48	3	30	12	48	3	30	12	40	3	30								
41.					12	48	3	30	18	62	4	40	8	32	2	20	12	40	3	30				
42.									8	48	3	30												
43.									12	68	4	40	6	26	2	20								
44.									12	68	4	40	18	74	5	50								
45.									12	48	3	30	12	40	3	30								
46.													4	32	2	20								
47.													6	34	2	20	2	14	1	10				
48.													2	18	1	10	6	30	2	20				
49.													20	60	4	40	10	82	5	50				
50.																	4	32	2	20				

51.	51 Epidemiology		11	3	90	60	4	8		48				30																																					8	48	3	30				
52.	52 Clinical Pharmacology	12		6	180	120	8	24			88			60																																					12	48	3	30	12	40	3	30
53.	53 Physical Culture and Sports		2	2	60	40	4	16		20				20					16	20	2	20																																				
	TOTAL			***267***	***8 010***	***5 340***	***320***	***1 050***	***10***	***1 580***	***2 330***	***50***		***2 670***	***76***	***328***	***21***	***210***	***116***	***368***	***26***	***260***	***100***	***312***	***22***	***220***	***106***	***358***	***24***	***240***	***94***	***314***	***22***	***220***	***112***	***336***	***24***	***240***	***84***	***384***	***25***	***250***	***96***	***412***	***27***	***270***	***100***	***428***	***27***	***270***	***100***	***396***	***27***	***270***	***54***	***294***	***19***	***190***	***12***	***40***	***3***	***30***

2 V Variable Component

Subjects for compulsory study

54.	V.1 Chemistry		1	3	90	60	4	8	24	24				30	8	48	3	30																																												
55.	V.2 Genetics		1	3	90	60	4	8		48				30	8	48	3	30																																												
56.	V.3 Embryology		2	2	60	40	4	10		26				20					10	26	2	20																																								
57.	V.4 Medical-biological conceptual apparatus		3	3	90	60	4	4		52				30									4	52	3	30																																				
58.	V.5 Evidence-based medicine: Principles and methodology		5	2	60	40	4	8		28				20																	8	28	2	20																												
59.	V.6 Emergency Cardiology		11	2	60	40	4	4			32			20																																									4	32	2	20				
60.	V.7 Transplantation		11	3	90	60	4	8			48			30																																									8	48	3	30				
	TOTAL			***18***	***540***	***360***	***28***	***50***	***24***	***178***	***80***			***180***	***16***	***96***	***6***	***60***	***10***	***26***	***2***	***20***	***4***	***52***	***3***	***30***					***8***	***28***	***2***	***20***																							***12***	***80***	***5***	***50***				

Elective disciplines

61.	V.1 Communication with patients in Russuan-speaking environment / Multimedia Technology		2	2	60	40	4	8		28				20					8	28	2	20																																								
62.	V.2 Written Professional Communication in a Foreign Language / Clinical parasitology		3	2	60	40	4	12		24				20									12	24	2	20																																				
63.	V.3 Oral Professional Communication in a Foreign Language / Tropical Medicine		5	3	90	60	4	12		44				30																	12	44	3	30																												
64.	V.4 Computed tomography in clinical practice / Basics of Medical Translation		6	3	90	60	4	12		44				30																					12	44	3	30																								
65.	V.5 Business Russian / Magnetic resonance imaging in clinical practice		7	2	60	40	4	12			24			20																									12	24	2	20																				
66.	V.6 Clinical genetics / Neurogenic pain syndromes		9	3	90	60	4	12		44				30																																	12	44	3	30												
67.	V.7 International humanitarian law in medicine / Surgical care in armed conflicts		11	3	90	60	4	12			44			30																																									12	44	3	30				
68.	V.8 Applied Physical Culture and Sports		9		328	328	4			324						20				40				40				40				40				40				40				40				24														
	TOTAL			***18***	***868***	***688***	***32***	***80***		***508***	***68***			***180***		***20***			***8***	***68***	***2***	***20***	***12***	***64***	***2***	***20***		***40***			***12***	***84***	***3***	***30***	***12***	***84***	***3***	***30***	***12***	***64***	***2***	***20***		***40***			***12***	***68***	***3***	***30***					***12***	***44***	***3***	***30***				
	TOTAL			***36***	***1 408***	***1 048***	***60***	***130***	***24***	***686***	***148***			***360***	***16***	***116***	***6***	***60***	***18***	***94***	***4***	***40***	***16***	***116***	***5***	***50***		***40***			***20***	***112***	***5***	***50***	***12***	***84***	***3***	***30***	***12***	***64***	***2***	***20***		***40***			***12***	***68***	***3***	***30***					***24***	***124***	***8***	***80***				
	TOTAL for Unit 1			***303***	***9 418***	***6 388***	***380***	***1 180***	***34***	***2 266***	***2 478***	***50***		***3 030***	***92***	***444***	***27***	***270***	***134***	***462***	***30***	***300***	***116***	***428***	***27***	***270***	***106***	***398***	***24***	***240***	***114***	***426***	***27***	***270***	***124***	***420***	***27***	***270***	***96***	***448***	***27***	***270***	***96***	***452***	***27***	***270***	***112***	***496***	***30***	***300***	***100***	***396***	***27***	***270***	***78***	***418***	***27***	***270***	***12***	***40***	***3***	***30***
								19,6%																																																						

Unit 2. Practices, including Research activities (credits) (credits)

1 Mandatory Part

Educational practice

69.	1 Practice for obtaining primary professional skills "Nursing"	1		3	90	60	6							30			3																																												
70.	2 Practice on obtaining primary professional skills and "Surgical manipulation"skills	3		3	90	60	6							30											3																																					
71.	3 Practice in obtaining primary skills of research work	4		3	90	60	6							30															3																																
72.	4 Clinical Training "Medical Diagnostics"	5		3	90	60	6							30																			3																												
	TOTAL			***12***	***360***	***240***	***24***							***120***			***3***								***3***				***3***				***3***																												

Practices for obtaining professional skills and experience

73.	1 Practice for obta-ining professional skills and experience in professional activi-ties of "Nursing"	4		3	90	60	6							30															3																																
74.	2 Practical training to obtain professional skills and experience in professional activity: Diagnosis	6		3	90	60	6							30																							3																								
75.	3 Clinical training "Internal Medicine"	7		3	90	60	6							30																											3																				
76.	4 Urgent medical manipulations	8		3	90	60	6							30																															3																
77.	5 Clinical Training "Surgery"	10		3	90	60	6							30																																							3								
78.	6 Clinical Training "Obstetrics and Gynaecology"	11		3	90	60	6							30																																											3					
79.	7 Clinical Training "General Medicine"	12		24	720	480	6							240																																															24	
	TOTAL			***42***	***1 260***	***840***	***42***							***420***															***3***								***3***				***3***				***3***								***3***				***3***				***24***	
	TOTAL			***54***	***1 620***	***1 080***	***66***							***540***			***3***								***3***				***6***				***3***				***3***				***3***				***3***								***3***				***3***				***24***	
	TOTAL for Unit 2			***54***	***1 620***	***1 080***	***66***							***540***			***3***								***3***				***6***				***3***				***3***				***3***				***3***								***3***				***3***				***24***	

Unit 3. State Final Certification (credits) (credits)

1 Mandatory Part

OD.00 Optional discipline

81.	1 Russian Language and culture of speech		2	2	60	40	4	4		32				20					4	32	2	20																																								
	TOTAL			***2***	***60***	***40***	***4***	***4***		***32***				***20***					***4***	***32***	***2***	***20***																																								

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Semesters														1 year		2 year		3 year		4 year		5 year		6 year	
														1	2	3	4	5	6	7	8	9	10	11	12
Examinations	26														2	2	2	4	3	2	2	1	5	2	1
Credits		44												6	8	5		2	3	5	4	3	1	7	
Certification practices	11													1		1	2	1	1	1	1		1	1	1
Classroom hours per week														30,69	33,47	32,00	31,68	32,00	32,00	32,00	32,00	30,89	29,70	30,00	27,33
Hours per week														45,54	49,50	47,00	46,53	47,00	47,00	47,00	47,00	45,94	44,55	45,00	44,55

Director, Institute of Clinical Medicine

Beatrice A. Volel

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