

CURRICULUM

GENERAL MEDICINE

MANDATORY PART

Courses	Exam (semester)	Test (semester)	Hours	Credits
History		1	72	2
Russian	4	2, 3	576	16
Latin	2	1	144	4
Philosophy		2	72	2
Medical ethics		3	72	2
Medical Psychology		3	72	2
Economics and public health management		3	72	2
Hygiene		3	108	3
Public health and health care		4	108	3
Medical law		4	72	2
Life safety		4	72	2
Organization and delivery of health care in emergency situations		5	72	2
Mathematics		1	72	2
Medical informatics		1	72	2
Medical physics	2	1	288	8
Inorganic and physical chemistry	1		144	4
Organic chemistry	2		144	4
Biochemistry	4	3	252	7
Biology	2	1	252	7
Anatomy	2	1	252	7
Neuroanatomy	3		144	4
Histology, cytology, embryology	3	2	216	6
Physiology	4	3	288	8
Microbiology, virology	5	4	288	8
Pharmacology	6	5	288	8
Pathology (anatomy)	6	5	288	8
Pathology (physiology)	6	5	288	8
Topographic anatomy and surgery techniques	6		216	6
Introduction to internal medicine	4		216	6
Internal medicine	7	6	288	8
Outpatient medicine	8		108	3
Radiological diagnostic		5	108	3
Professional diseases		8	72	2
Pediatrics	8	7	288	8
Pulmonology	11		144	4
Gastroenterology	11		144	4
Cardiology	11		144	4
Nephrology	11		144	4
Endocrinology	11		144	4
Clinical pharmacology		12	108	3
Dentistry		7	108	3
General surgery	8	7	288	8
Surgical diseases	10	9	288	8
Traumatology and orthopedics		12	144	4
Pediatric surgery		12	144	4

Oncology and radiotherapy		12	144	4
Gynecology	9		144	4
Obstetrics	10		180	5
Otorhinolaryngology	9		144	4
Ophthalmology	9		144	4
Medical genetics		7	108	3
Neurology	9	8	288	8
Neurosurgery		12	144	4
Medical rehabilitation		12	72	2
Professional medical psychology		7	108	3
Psychiatry		8	108	3
Immunology	7		108	3
Epidemiology		8	72	2
Dermatology		7	108	3
Infectious diseases	10	9	288	8
Phthisiatry	9		108	2
Anesthesiology, resuscitation and intensive care		11	144	4
Forensic medicine		11	108	3
Physical training		1	72	2
Physical training (practical course)		2-6	328	

VARIABLE PART

	Exam semester	Test semester	1368	38
Mandatory courses			864	24
Information resources		2	72	2
Research methods in medicine and biology	3		144	4
Foreign language in biomedical researches		5	72	2
Emergency care (pre-hospital)		6	108	3
Functional diagnostics	8		144	4
Emergency care in internal medicine	11		144	4
Evidence-based medicine		10	108	3

COURSES OF YOUR CHOICE

Block 1 (you choose 1 from list)		Test semester	504	14
Sociology		5	72	2
Psychology		5	72	2
Culture		5	72	2
Russian language		5	72	2
Business (basic course)		5	72	2

Block 2 (you choose 1 from list)

Genetic methods		7	108	3
Microbiological methods		7	108	3
Clinical laboratory methods		7	108	3
Microscopy methods		7	108	3
Cell and molecular biology methods		7	108	3

Block 3 (you choose 1 from list)

Neurobiology		9	108	3
Developmental biology		9	108	3
Clinical morphology		9	108	3
Medical parasitology		9	108	3
Diagnostics in cardiology		9	108	3
Nano- and cell technologies in biology and medicine		9	108	3
Medical ecology		9	108	3
Clinical pathophysiology in internal medicine		9	108	3

Block 4 (you choose 1 from list)

Clinical genetics		10	108	3
Extragenital pathology in pregnancy		10	108	3
Emergency care in surgery		10	108	3
Diagnostics and treatment of infectious diseases		10	108	3
Diagnostics in gastroenterology and hepatology		10	108	3
Regenerative medicine		10	108	3
The evolution of the biosphere and anthropogenesis		10	108	3
Clinical pathophysiology of emergency situations		10	108	3

Block 5 (you choose 1 from list)

Diagnostics in neurology		12	108	3
Neonatology		12	108	3
Endoscopic surgery		12	108	3
Infectious immunology		12	108	3
Diagnostics in pulmonology		12	108	3
Clinical hemotransfusion		12	108	3
Medical plants and phytotherapy		12	108	3
Anesthesiology and intensive care		12	108	3

Block 6 (you choose 1 from list)

Emergency care in neurology		12	108	3
Family medicine and geriatrics		12	108	3
Microsurgery		12	108	3
HIV-infection, AIDS and immunodeficiency		12	108	3
Diagnostics in endocrinology		12	108	3
Clinical transplantology		12	108	3
Sports medicine		12	108	3
Palliative medicine		12	108	3

PRACTICE

	Exam (semester)	Test (semester)	Hours	Credits
Education practice (during semester)				
Nursing (simulators)		2	72	2
Nursing (clinics)		6	72	2
Clinical practice (summer)				
Nursing		4	72	2
Nursing		6	108	3
General practitioner (<u>outpatient hospital</u>)		8	144	4
General practitioner (hospital)		10	324	9