

# CURRICULUM

## DENTISTRY

### MANDATORY PART

Courses	Exam (semester)	Test (semester)	Hours	Credits
History		1	72	2
Russian	4	2, 3	576	16
Latin	2		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	72	2
Public health and health care		4	72	2
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	252	7
Inorganic and physical chemistry	1		108	3
Organic chemistry	2		108	3
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	252	7
Microbiology, virology	5	4	252	7
Pharmacology	6	5	216	6
Pathology (anatomy)	6	5	252	7
Pathology (physiology)	6	5	252	7
Topographic anatomy and surgery techniques	6		180	5
Introduction to internal medicine	4		108	3
Internal medicine	7	6	288	8
Radiological diagnostics		5	72	2
Pediatrics	7		144	4
General surgery		7	72	2
Surgical diseases	9		144	4
Obstetrics		10	108	3
Otorhinolaryngology		9	72	2
Ophthalmology		9	72	2
Neurology and medical rehabilitation	8		144	4
Psychiatry		8	72	2
Immunology		7	72	2
Epidemiology		8	72	2
Dermatology		7	72	2
Infectious diseases	9		108	3

Phthisiatry		9	72	2
Forensic medicine		10	72	2
<b>Dentistry</b>	<b>9</b>	<b>7</b>	<b>2124</b>	<b>59</b>
<i>Dental materials science</i>		1	72	2
<i>Introduction to dentistry</i>	3		108	3
<i>Preventive dentistry</i>		4	72	2
<i>Caries and diseases of hard tissues of teeth</i>	5		108	3
<i>Dental radiology</i>		5	72	2
<i>Therapeutic dentistry</i>	7	6	324	9
<i>Oral surgery</i>	8	7	360	10
<i>Dentures simple</i>	8		144	4
<i>Medical genetics in dentistry</i>		8	72	2
<i>Pediatric dentistry</i>	9		180	5
<i>Dentures complex</i>	9		144	4
<i>Pediatric maxillofacial surgery</i>		10	180	5
<i>Prosthodontics</i>	10		180	5
<i>Reconstructive and plastic surgery of maxillofacial region</i>	9		108	3
Physical training		1	72	2
Physical training (practical course)		2-6	328	

## VARIABLE PART

	Exam (semester)	Test (semester)	1368	38
<b>Mandatory courses</b>			<b>864</b>	<b>24</b>
Information resources		2	72	2
Research methods in medicine and biology	3		108	3
Foreign language in biomedical researches		5	72	2
Emergency care (pre-hospital)		6	72	2
Emergency care in dentistry		7	72	2
Treatment of paradont diseases		7	72	2
Evidence-based medicine		10	72	2
Clinical dentistry		10	108	3
Implantology		10	144	4
Gnathology and diseases of the temporomandibular joint		6	72	2

## COURSES OF YOUR CHOICE

### Block 1 (you choose 1 from list)

	Exam (semester)	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)

Genetical methods		7	72	2
Microbiological methods		7	72	2
Clinical laboratory methods		7	72	2
Microscopy methods		7	72	2
Cell and molecular biology methods		7	72	2

### Block 3 (you choose 1 from list)

Diagnostics in neurology		8	72	2
Endoscopic surgery		8	72	2
Infectious immunology		8	72	2
Diagnostics in pulmonology		8	72	2
Clinical hemotransfusion		8	72	2
Medical plants and phytotherapy		8	72	2
Anesthesiology and intensive care		8	72	2

### Block 4 (you choose 1 from list)

Emergency in neurology		8	72	2
Microsurgery		8	72	2
HIV-infection, AIDS and immunodeficiency		8	72	2
Diagnostics in endocrinology		8	72	2
Clinical transplantology		8	72	2

**Block 5 (you choose 1 from list)**

Regenerative dentistry		9	72	2
Implant prosthesis		9	72	2
Modern technologies in Endodontics		9	72	2
Maxillofacial cosmetology		9	72	2
Modern methods of treatment of acute injuries in children		9	72	2
Modern technology in orthodontics		9	72	2
Aesthetics Clinic of Prosthetic Dentistry		9	72	2
Oncology in dentistry and radiotherapy		9	72	2

**Block 6 (you choose 1 from list)**

Neurobiology		9	72	2
Developmental biology		9	72	2
Clinical morphology		9	72	2
Medical parasitology		9	72	2
Diagnostics in cardiology		9	72	2
Nano- and cellular technologies in biology and medicine		9	72	2
Medical ecology		9	72	2
Clinical pathophysiology in internal medicine		9	72	2
Emergency care in internal medicine		9	72	2

**Block 7 (you choose 1 from list)**

Clinical genetics		10	72	2
Emergency care in surgery		10	72	2
Diagnostics and treatment in infectious diseases		10	72	2
Diagnostics in gastroenterology and hepatology		10	72	2
Regenerative medicine		10	72	2
The evolution of the biosphere and anthropogenesis		10	72	2
Clinical pathophysiology of emergency situations		10	72	2

**PRACTICE**

	Exam (semester)	Test (semester)	Hours	Credits
<b>Education practice (during semester)</b>				
Nursing (simulators)		3	72	2
Nursing (clinics)		5	72	2
<b>Clinical practice (summer)</b>				
Nursing		3	72	2
Physician assistant		5	108	3
Dentist therapist		7	144	4
Surgery, orthopedics, pediatric dentistry		9	324	9