Kazan Federal UNIVERSITY

English taught programs for Undergraduates (Bachelor programs)

No	Department	Title of the program	Academic degree	Duration
1.	Institute of Fundamental Medicine and Biology	General Medicine	Specialist degree	6 years
2.	Institute of Fundamental Medicine and Biology	Dentistry	Specialist degree	5 years
3.	Institute of Management, Economics and Finance	Management. International Business	Bachelor diploma	4 years
4.	Institute of Information Technology and Intelligent Systems	Software Engineering (Digital Product Development)	Bachelor diploma	4 years

General Medicine English-taught Program, Institute of Fundamental Medicine and Biology					
No	**Course Code**	**Course Title**	**Credits**	**Semester**	**Semester Time Fall/Spring**
1.	Б1.О.05	Medical ethics and deontology in medicine and biology	2	3	Fall
2.	Б1.О.06	Economics and public health management	2	3	Fall
3.	Б1.О.14	Statistics methods in medicine and biology	3	3,4	Fall, Spring
4.	Б1.О.19	Biochemistry	3	3, 4	Fall, Spring
5.	Б1.О.22	Neuroanatomy	5	3	Fall
6.	Б1.О.23	Hystology, cytology, embriology	3	3	Fall
7.	Б1.О.24	Normal physiology	3	3,4	Fall, Spring
8.	Б1.В.ДВ.01.01	*Human ecology*	2	3	Fall
9.	*Б1.В.ДВ.01.02*	*Psychology of self-effectiveness*	2	3	Fall
10.	*Б1.В.ДВ.01.03*	*Behavioral medicine*	2	3	Fall
11.	Б1.О.07	Hygiene	3	4	Spring
12.	Б1.О.09	Medical law	2	4	Spring
13.	Б1.О.10	Digital medicine	2	4	Spring
14.	Б1.О.12	Psychology of professional communication in medicine	2	4	Spring
15.	Б1.О.13	Pre-hospital aid in emergencies	2	4	Fall

General Medicine English-taught Program, Institute of Fundamental Medicine and Biology					
No	**Course Code**	**Course Title**	**Credits**	**Semester**	**Semester Time Fall/Spring**
16.	Б1.О.25	Microbiology,virology	3	4	Spring
17.	Б1.О.25	Microbiology,virology	3	5	Fall
18.	Б1.О.26	Pharmacology	3	5,6	Fall, Spring
19.	Б1.О.27	Pathology (Anatomy)	3	5	Fall Spring
20.	Б1.О.28	Pathology (Physiology)	4	5	Fall
21.	Б1.О.29	Topographic anatomy and operative surgery	3	5	Fall
22.	Б1.О.30	Propaedeutics of internal diseases	3	5	Fall
23.	Б1.В.02	Research methods in biology and medicine	4	5	Fall
24.	Б1.О.27	Pathology (Anatomy)	5	6	Spring
25.	Б1.О.29	Topographic anatomy and operative surgery	2	6	Spring
26.	Б1.О.30	Propaedeutics of internal diseases	4	6	Spring
27.	Б1.О.31	Radiology	3	6	Spring

General Medicine English-taught Program, Institute of Fundamental Medicine and Biology					
No	**Course Code**	**Course Title**	**Credits**	**Semester**	**Semester Time Fall/Spring**
28.	Б1.О.40	General surgery	2	5,6	Fall, Spring
29.	Б1.О.50	Immunology	3	6	Spring
30.	Б1.В.03	Dentistry	3	6	Spring
31.	Б1.О.32	Internal diseases	6	7,8	Fall, Spring
32.	Б1.О.33	First aid	3	7	Fall
33.	Б1.О.41	Surgical diseases, urology	3	7	Fall
34.	Б1.О.47	Medical genetics	2	7	Fall
35.	Б1.О.51	Epidemiology	2	7	Fall
36.	Б1.В.ДВ.02.01	Methods of genetic research	3	7	Fall
37.	*Б1.В.ДВ.02.02*	*Clinical lab diagnostic research methods*	3	7	Fall
38.	*Б1.В.ДВ.02.03*	*Modern microscopy research methods*	3	7	Fall
39.	*Б1.В.ДВ.02.04*	*Physiology research methods*	3	7	Fall
40.	Б1.О.35	Polyclinic therapy	3	8	Spring
41.	Б1.О.37	Pediatrics	3	7,8	Fall, Spring

General Medicine English-taught Program, Institute of Fundamental Medicine and Biology					
No	**Course Code**	**Course Title**	**Credits**	**Semester**	**Semester Time Fall/Spring**
42.	Б1.О.41	Surgical diseases, urology	4	8	Spring
43.	Б1.О.45	Otorhinolaryngology	3	8	Spring
44.	Б1.О.48	Neurology and medical rehabilitation	3	8	Spring
45.	Б1.О.52	Dermatovenerology	3	8	Spring
46.	Б1.О.34	Functional diagnostics	4	9	Fall
47.	Б1.О.43	Gynecology	4	9	Fall
48.	Б1.О.46	Ophthalmology	4	9	Fall
49.	Б1.О.48	Neurology and medical rehabilitation	4	9	Fall
50.	Б1.О.49	Psychiatry	3	9	Fall
51.	Б1.О.53	Infectious diseases	4	9, 10	Fall, Spring
52.	Б1.О.54	Phthisiology	3	9	Fall
53.	*Б1.В.ДВ.03.01*	*Clinical pathophysiology*	2	9	Fall
54.	*Б1.В.ДВ.03.02*	*Clinical pathology*	2	9	Fall
55.	Б1.О.36	Professional diseases	2	10	Spring

General Medicine English-taught Program, Institute of Fundamental Medicine and Biology					
No	**Course Code**	**Course Title**	**Credits**	**Semester**	**Semester Time Fall/Spring**
56.	Б1.О.39	Evidence-based medicine	3	10	Spring
57.	Б1.О.44	Obsterics	4	10	Spring
58.	Б1.О.56	Anesthesiology, intensive care and intensive care	3	10	Spring
59.	*Б1.В.ДВ.04.01*	*Insenescene pathophysiology*	2	10	Spring
60.	*Б1.В.ДВ.04.02*	*Regenerative medicine*	2	10	Spring
61.	*Б1.В.ДВ.04.03*	*Principles of proper clinical training*	2	10	Spring
62.	*Б1.В.ДВ.05.01*	*Microsurgery*	2	10	Spring
63.	*Б1.В.ДВ.05.02*	*HIV, AIDS and immunodeficiency*	2	10	Spring
64.	Б1.В.ДВ.05.03	*Extragenital pathology of pregnant women*	2	10	Spring
65.	*Б1.В.ДВ.05.04*	*Endosurgery*	2	10	Spring
66.	*Б1.В.ДВ.05.05*	*Functional diagnostics in clinics of internal diseases*	2	10	Spring

Dentistry English-taught Program, Institute of Fundamental Medicine and Biology					
No	**Course Code**	**Course Title**	**Credits**	**Semester**	**Semester Time Fall/Spring**
1.	Б1.О.06	Psychology of professional communication	2	4	Spring
2.	Б1.О.10	Medical law	2	4	Spring
3.	Б1.О.11	Digital medicine	3	4	Spring
4.	Б1.О.12	Life safety	2	4	Spring
5.	Б1.О.13	First aid for emergency conditions	2	4	Spring
6.	Б1.О.19	Biochemistry	4	4	Spring
7.	Б1.О.24	Normal Physiology	4	4	Spring
8.	Б1.О.25	Microbiology, virusology	2	4	Spring
9.	Б1.О.09	Public health	2	5	Fall
10.	Б1.О.25	Microbiology, virusology	4	5	Fall
11.	Б1.О.26	Pharmacology	2	5	Fall
12.	Б1.О.27	Pathological anatomy	3	5	Fall
13.	Б1.О.28	Pathological physiology	3	5	Fall
14.	Б1.О.29	Topographic anatomy and operative surgery department	2	5	Fall
15.	Б1.О.31	Radiation diagnostics	2	5	Fall

Dentistry English-taught Program, Institute of Fundamental Medicine and Biology					
No	**Course Code**	**Course Title**	**Credits**	**Semester**	**Semester Time Fall/Spring**
16.	Б1.О.46.04	Cariesology and diseases of hard tissues of teeth	4	5	Fall
17.	Б1.В.02	Research methods in medicine and biology	3	5	Fall
18.	ФТД.01	Fundamentals of prevention and counteraction to terrorism and extremism	1	5	Fall
19.	Б1.О.27	Pathological anatomy	4	6	Spring
20.	Б1.О.26	Pharmacology	2	6	Spring
21.	Б1.О.29	Topographic anatomy and operative surgery department	4	6	Spring
22.	Б1.О.30	Propaedeutics to internal diseases	3	6	Spring
23.	Б1.О.32	Inner diseases	4	6	Spring
24.	Б1.О.34	General surgery	2	6	Spring
25.	Б1.О.40	Immunology	2	6	Spring
26.	Б1.О.46.05	Radiation diagnostics in dentistry	2	6	Spring
27.	Б1.В.03	First medical aid	2	6	Spring
28.	Б1.В.04	Gnatology and diseases of the temporomandibular joint	2	6	Spring
29.	Б1.О.32	Inner diseases	4	7	Fall

Dentistry English-taught Program, Institute of Fundamental Medicine and Biology					
No	**Course Code**	**Course Title**	**Credits**	**Semester**	**Semester Time Fall/Spring**
30.	Б1.О.33	Pediatrics	4	7	Fall
31.	Б1.О.35	Surgical diseases	4	7	Fall
32.	Б1.О.41	Epidemiology	3	7	Fall
33.	Б1.О.46.06	Therapeutic dentistry	4	7	Fall
34.	Б1.О.46.07	Surgical dentistry	3	7	Fall
35.	Б1.В.06	Medical genetics in dentistry	2	7	Fall
36.	Б1.В.ДВ.02.01	Genetic research methods	2	7	Fall
37.	*Б1.В.ДВ.02.02*	*Clinical lab diagnostic research methods*	2	7	Fall
38.	*Б1.В.ДВ.02.03*	*Modern microscopy research methods*	2	7	Fall
39.	Б1.О.37	Otorhinolaryngology	2	8	Spring
40.	Б1.О.39	Neurology	4	8	Spring
41.	Б1.О.42	Dermatovenerology	2	8	Spring
42.	Б1.О.46.06	Therapeutic dentistry	4	8	Spring
43.	Б1.О.46.07	Surgical dentistry	4	8	Spring

Dentistry English-taught Program, Institute of Fundamental Medicine and Biology					
No	**Course Code**	**Course Title**	**Credits**	**Semester**	**Semester Time Fall/Spring**
44.	*Б1.В.ДВ.02.04*	*Physicology research methods*	2	8	Spring
45.	Б1.В.ДВ.03.01	Physiotherapy in dentistry	2	8	Spring
46.	*Б1.В.ДВ.03.02*	*Maxillofacial cosmetology*	2	8	Spring
47.	*Б1.В.ДВ.03.03*	*Functional diagnostics in dentistry*	2	8	Spring
48.	Б1.В.ДВ.04.01	Dental CAD-CAM modeling	2	8	Spring
49.	*Б1.В.ДВ.04.02*	*Implant prosthetics*	2	8	Spring
50.	*Б1.В.ДВ.04.03*	*Modern technologies in endodontics*	2	8	Spring
51.	ФТД.03	Aesthetic medicine and cosmetology	2	8	Spring
52.	Б1.О.36	Obstetrics and gynecology	3	9	Fall
53.	Б1.О.38	Ophthalmology	2	9	Fall
54.	Б1.О.43	Infectious diseases	3	9	Fall
55.	Б1.О.44	Phthisiology	2	9	Fall
56.	Б1.О.45	Forensic medicine	2	9	Fall
57.	Б1.О.46.08	Dental prosthetics	4	9	Fall

Dentistry English-taught Program, Institute of Fundamental Medicine and Biology					
No	**Course Code**	**Course Title**	**Credits**	**Semester**	**Semester Time Fall/Spring**
58.	Б1.О.46.09	Pediatric Oral and Maxillofacial Surgery	5	9	Fall
59.	Б1.О.46.10	Oral and Maxillofacial orthopedics	4	9	Fall
60.	Б1.В.07	Combination therapy of parodontitis treatment	2	9	Fall
61.	Б1.В.ДВ.05.01	Clinical pathology	2	9	Fall
62.	*Б1.В.ДВ.05.02*	*Clinical pathophysiology*	2	9	Fall
63.	Б1.В.ДВ.06.01	Modern methods of treating dentoalveolar anomalies in children	2	9	Fall
64.	*Б1.В.ДВ.06.02*	*Aesthetics in the Prosthetic Dentistry Clinic*	2	9	Fall
65.	*Б1.В.ДВ.06.03*	*Oncostomatology and radiation therapy*	2	9	Fall
66.	*Б1.В.ДВ.06.04*	*Modern technologies in orthodontics*	2	9	Fall

Management (International Business) English-taught Program, Institute of Management, Economics and Finance					
No	**Course Code**	**Course Title**	**Credits**	**Semester**	**Semester Time Fall/Spring**
1.	Б1.О.15	Organization Theory	4	3	Fall
2.	Б1.О.16	Statistics	4	3	Fall
3.	Б1.О.17	Accounting	4	3	Fall
4.	Б1.О.18	Personal Finance Management	3	3	Fall
5.	Б1.В.03	Human Resource Management	4	3	Fall
6.	Б1.В.04	Introduction to the Global Business Environment	3	3	Fall
7.	Б1.В.05	Services Management	4	3	Fall
8.	Б1.О.19	Marketing	5	4	Spring
9.	Б1.О.20	Financial Management	5	4	Spring
10.	Б1.О.21	Innovation Management	4	4	Spring
11.	Б1.О.22	Project Management	3	4	Spring
12.	Б1.О.23	Business Information Management	3	4	Spring
13.	Б1.О.24	Econometrics	4	5	Fall
14.	Б1.О.26	Methods of Decision-Making in Management	5	5	Fall
15.	Б1.В.06	Production Management	5	5	Fall

Management (International Business) English-taught Program, Institute of Management, Economics and Finance					
No	**Course Code**	**Course Title**	**Credits**	**Semester**	**Semester Time Fall/Spring**
16.	Б1.В.12	Fundamentals of Financial Accounting	4	5	Fall
17.	Б1.В.ДВ.01.01	Corporate Reputation Management	4	5	Fall
18.	Б1.В.ДВ.01.02	Corporate Image Management	4	5	Fall
19.	Б1.О.28	Innovation Economics and Technology Entrepreneurship	2	6	Spring
20.	Б1.В.07	Strategic Management	5	6	Spring
21.	Б1.В.08	Financial Planning and Forecasting	4	6	Spring
22.	Б1.В.14	Sustainable Development Management	5	6	Spring
23.	Б1.В.15	Change Management and Organizational Life Cycle	5	6	Spring
24.	Б1.В.16	Corporate Finance	4	6	Spring
25.	Б1.О.29	Market Analysis and Marketing Research	3	7	Fall
26.	Б1.О.30	Managerial Accounting	3	7	Fall
27.	Б1.О.31	Fundamentals of Business Analysis	4	7	Fall
28.	Б1.В.09	Financial Reporting	4	7	Fall
29.	Б1.В.10	Risk Management	3	7	Fall
30.	Б1.В.11	Quality Management System (QMS)	3	7	Fall

Management (International Business) English-taught Program, Institute of Management, Economics and Finance					
No	**Course Code**	**Course Title**	**Credits**	**Semester**	**Semester Time Fall/Spring**
31.	Б1.В.ДВ.02.01	International Financial Management	5	7	Fall
32.	Б1.В.ДВ.02.02	Risk Management in International Business	5	7	Fall
33.	Б1.В.ДВ.03.01	Business Process Management	3	7	Fall
34.	Б1.В.ДВ.03.02	Digital Innovations in Economics	3	7	Fall
35.	Б1.В.ДВ.04.01	Managerial Economics	4	7	Fall
36.	Б1.В.ДВ.04.02	Pricing Policy	4	7	Fall
37.	Б1.В.ДВ.05.01	Big Data and Decision-Making	5	8	Spring
38.	Б1.В.ДВ.05.02	Financial Management in the Digital World	5	8	Spring
39.	Б1.В.ДВ.06.01	International Financial Law	4	8	Spring
40.	Б1.В.ДВ.06.02	Fundamentals of Ethics, Corporate Governance and Civil Law	4	8	Spring
41.	Б1.В.ДВ.07.01	Competitiveness Management	4	8	Spring
42.	Б1.В.ДВ.07.02	International Marketing	4	8	Spring

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Software Engineering (Digital Product Development) English-taught Program, Institute of Information Technology and Intelligent Systems					
No	**Course Code**	**Course Title**	**Credits**	**Semester**	**Semester Time Fall/Spring**
1.	B1.O.06	Fundamentals of Information Systems Development	7	3	Fall
2.	B1.O.09	Databases	5	3	Fall
3.	B1.V.15	Economics	2	3	Fall
4.	B1.V.DV.01.01	Instroduction to Backend Development	6	3	Fall
5.	*B1.V.DV.01.02*	*Introduction to Mobile Application Development*	6	3	Fall
6.	*B1.V.DV.01.03*	*Introduction to Frontend Development*	6	3	Fall
7.	*B1.V.DV.01.04*	*Introduction to Full Stack Development*	6	3	Fall
8.	B1.O.19	Innovative Economy and Technological Entrepreneurship	2	4	Spring
9.	B1.V.09	Probability Theory and Mathematical Statistics	4	4	Spring
10.	B1.V.13	Team Development Workshop	3	4	Spring
11.	B1.V.DV.02.01	Backend Development	3	4	Spring
12.	*B1.V.DV.02.02*	*Mobile Application Development*	3	4	Spring
13.	*B1.V.DV.02.03*	*Frontend Development*	3	4	Spring
14.	*B1.V.DV.02.04*	*Full Stack Development*	3	4	Spring
15.	B1.V.DV.09.01	Introduction to Data Analytics	2	4	Spring

Software Engineering (Digital Product Development) English-taught Program, Institute of Information Technology and Intelligent Systems					
No	**Course Code**	**Course Title**	**Credits**	**Semester**	**Semester Time Fall/Spring**
16.	*B1.V.DV.09.02*	*Additional chapters on algorithms and data structures*	2	4	Spring
17.	*B1.V.DV.09.03*	*Introduction to Complexity Theory*	2	4	Spring
18.	B1.O.07	Computer Networks	4	5	Fall
19.	B1.O.08	Group Dynamics and Communication in Team Development	4	5	Fall
20.	B1.O.10.01	Software Development Life Cycle	3	5	Fall
21.	B1.V.04	Systems Analytics	3	5	Fall
22.	B1.V.12	Mathematics and Programming for artificial intelligence tasks	3	5	Fall
23.	B1.V.18	Fundamentals of Distributed Computing	3	5	Fall
24.	B1.V.DV.03.01	Additional chapters of Web Development. Part 1	4	5	Fall
25.	*B1.V.DV.03.02*	*Fundamentals of Enterprise Development. Part 1*	4	5	Fall
26.	*B1.V.DV.03.03*	*Scripting*	4	5	Fall
27.	B1.O.10.02	Software Systems Architecture	3	6	Spring
28.	B1.V.03	Fundamentals of Science Communication	5	6	Spring
29.	B1.V.05	Information Security	4	6	Spring

Software Engineering (Digital Product Development) English-taught Program, Institute of Information Technology and Intelligent Systems					
No	**Course Code**	**Course Title**	**Credits**	**Semester**	**Semester Time Fall/Spring**
30.	B1.V.07	Software Development Quality Management	4	6	Spring
31.	B1.V.08	Project Management	4	6	Spring
32.	B1.V.16	Machine Learning	3	6	Spring
33.	B1.V.DV.04.01	Additional chapters of Web Development. Part 2	5	6	Spring
34.	*B1.V.DV.04.02*	*Fundamentals of Enterprise Development. Part 2*	5	6	Spring
35.	*B1.V.DV.04.03*	*Software Development Technologies*	5	6	Spring
36.	B1.V.06	Research Methodology	6	7	Fall
37.	B1.V.10	AI Technologies	7	7	Fall
38.	B1.V.17	Cloud Technologies and platforms	2	7	Fall
39.	B1.V.DV.06.01	Functional Programming	5	7	Fall
40.	*B1.V.DV.06.02*	*Additional Data Analysis Chapters*	5	7	Fall
41.	*B1.V.DV.06.03*	*Additional Chapters in Discrete Mathematics*	5	7	Fall
42.	*B1.V.DV.06.04*	*Physics. Additional Chapters*	5	7	Fall
43.	B1.V.DV.07.01	Development of technical documentation	5	7	Fall
44.	*B1.V.DV.07.02*	*International Business in the Age of Digital Economy*	5	7	Fall

Software Engineering (Digital Product Development) English-taught Program, Institute of Information Technology and Intelligent Systems					
No	**Course Code**	**Course Title**	**Credits**	**Semester**	**Semester Time Fall/Spring**
45.	*B1.V.DV.07.03*	*Team and staff management in the IT sphere*	5	7	Fall
46.	*B1.V.DV.07.04*	*Cross-platform Development*	5	7	Fall
47.	*B1.V.DV.07.05*	*System Analytics in IT projects*	5	7	Fall