



DEAR ENROLLEE!

I'm sure that for many centuries people will use such words as "Be healthy", "for health", "wish you good health" and "good health to you", this words wishes of all nations without exception of the world.

Health occupies a central role in the life of every human being. Its significance is an increase in life expectancy, an increase in the quality of life of each person and society as a whole is an indicator of the well-being of citizens. Medicine and health are always welcomed in every society and at all times, knowledge and practical experience will always be in demand. We will select the best profession for you and your loved ones, help you become a professional in your field!

Faculty of Medicine and Health Care provides quality training for medical workers, focusing on the best international and scientific educational programs, extensive clinical practice and expert exchanges.

Our faculty gives the opportunity to study educational programs at all levels - bachelor, master, residency, doctoral studies, provide training according to new international standards, based on the scientific achievements of modern healthcare. A wide range of paraclinical disciplines is an ideal platform for the implementation of scientific ideas.

All these subjects are studied by our students at a high level at KazNU. **We will be glad to see you at the Faculty of Medicine and Health Care!**



**Dean of the faculty,
doctor of medical
sciences, professor
Kalmatayeva Zhanna
Amantayevna**



WHERE THE FACULTY GRADUATES CAN WORK ...

Graduates of the Higher School of Medicine are doctors of general practice, after completing a course of specialization in the chosen profession, the doctor can work as a cardiologist, traumatologist, surgeon, gynecologist, etc.

Pediatrician — children's doctor, after a course of specialization in their chosen profession pediatrician can handle pediatric cardiologist, pediatric surgery, pediatric infectious disease specialist, etc.

A pharmacist — pharmacist can work in various pharmacies, pharmaceutical companies, in foreign and domestic pharmaceutical companies, etc.

Dentist — after completing the course of specialization - dental treatment and prosthetics, as well as maxillofacial surgery, etc.

Public health specialist can work as epidemiologists, hygienists, a propagandist of a healthy lifestyle, biostatists, in the field of healthcare management at all levels.

Conducted pedagogy — a specialist in working with children with disabilities, a psychologist.

Nursing is the monitoring and training of nurses in all areas of medicine - therapy, surgery, neurology, etc. monitoring care, adhering to standards and improving the quality of care.

Laboratory medicine — work in clinical diagnostic departments of hospitals, in various diagnostic and scientific laboratories. Control and management of laboratory systems.

Physical education and sport — trainers, management of health centers, training of young athletes, organization and holding of sporting events, sports manager, fitness instructor.

Graduates can continue their studies in the medical specialties of the residency and master,s programs.



FACULTY SPECIALTIES

BACHELOR (UNDERGRADUATE) (BSC)

General medicine

Duration of studies: 12 semesters, 6 years, (360 credits)

Language of study: Kazakh, English, Russian

Qualification: doctor

Form of study: full-time

Program Description: the program is aimed to train a doctor, able to provide medical care most to patients, families and different groups of population with often occurring diseases, able to learn throughout professional activities, learn through research.

Pediatrics

Duration of studies: 12 semesters, 6 years (360 credits)

Language of study: Kazakh, English, Russian

Qualification: pediatrician

Form of study: full-time

Program Description: the graduate will be able to provide effective and timely medical care to a child from newborn to adolescent age for the prevention, diagnosis, treatment of diseases and maintaining health.

Dentistry

Duration: 10 semesters, 5 years (300 credits)

Language of study: Kazakh, English, Russian

Qualification: doctor-dentist

Form of study: full-time

Program Description: The graduate will be able to provide effective and timely dental care to patients of any age with most common pathology, based on the principles of evidence-based medicine and humanity for the prevention, diagnosis, treatment of diseases and maintaining health.

Pharmacy

Duration: 10 semesters, 5 years, (300 credits)

Language of study: Kazakh, English, Russian

Qualification: pharmacist

Form of study: full-time

Program Description: The graduate will be able to work as a general pharmacist in pharmaceutical organizations: pharmacies, gross and retail warehouses, mini-productions, research and expert laboratories; in medical institutions as a clinical pharmacist.



Public health

Duration: 8 semesters, 4 years, (240 credits),

Language of study: English, Kazakh, Russian

Qualifications: Bachelor of Health Care

Form of study: full-time

Program Description: The graduate will know the current state of public health and health care, the basics of evidence-based medicine, issues of community hygiene, public catering hygiene, occupational health, health diet, food hygiene, biosafety and bio-protection, epidemiology of infectious and non-infectious diseases, health promotion and disease prevention and strengthening health management in public health.

Conductive pedagogy

Duration: 8 semesters, 4 years, (240 credits),

Language of study: English, Kazakh, Russian

Qualifications: Bachelor

Form of study: full-time

Program Description: The graduate will know the basics of morphology, physiology and general pathology, special pedagogy and psychology, pathology of the musculoskeletal system in diseases of the central nervous system (CNS) and correction methods, pediatrics, neurology and rehabilitation, conductive pedagogy and conductive development of skills in people with neurodegenerative diseases.

Nursing

Duration: 8 semesters, 4 years, (240 credits)

Language of study: Kazakh, English, Russian

Qualifications: Bachelor of Nursing

Form of study: full-time, mixed with distance learning of the theoretical component.

Program Description: broad knowledge in the field of norm and pathology of organs and systems of human body, mastering skills of professional competencies of nurses, nursing in therapy, surgery, pediatrics, neurology, in clinical laboratories, nursing management, nursing examination, and etc.

Laboratory medicine

Duration: 8 semesters, 4 years, (240 credits),

accelerated learning - 1-3 years depending on prior education

Language of study: Kazakh, Russian

Qualifications: Bachelor of Health

Form of study: full-time



Program Description: : extensive knowledge of normal and pathological morphology and human physiology, foundations of internal diseases and first-aid emergency skills, theory and practice laboratory research in the field of clinical chemistry, microbiology, hematology and transfusiology, immunology and serology, molecular diagnostics and genetics, research methodology and quality management of laboratory practice, informational laboratory systems.

Physical Culture and sport

Duration of studies: 4-8 semesters, 2, 3 and 4 years (240 credits)

Language of study: Kazakh, Russian

Qualification: Bachelor

Form of study: full-time, mixed with distance learning of theoretical component

Program Description: The graduate will be competent in the field of education, education, rehabilitation, organization of physical education with personal different age, gender; in innovative technologies on physical culture and sport; in the management of educational, health the processes of students and persons of different ages in the physical culture of the individual; in matters of optimization of physical and sports training, rational use of the external environment, means of pedagogical and biomedical control, etc..



MASTER'S (MS)

Public health

Duration of studies: 2-4 semesters, 1-1,5-2 years, (60-120 credits).

Language of study: Kazakh, English, Russian

Qualifications: Master of Health, Master of Medical Sciences

Form of study: full-time, mixed with a distance component.

Program Description: Biostatistics, Basics of Clinical Epidemiology and Evidence-Based Medicine, Health Promotion and Disease Prevention, Health Economics, Medical Technology Assessment, Corporate Governance in Public Health Services, Epidemiological Surveillance of Infectious and Non-Communicable Diseases, Statistical Processing of Research Data Using MS Excel and SPSS; strategy of searching for evidence-based medical information in the Internet, databases for scientific publications, relational database management systems using the example of MS Access DBMS.

Sports and Wellness Fitness

Duration: 8 semesters, 4 years, (240 credits)

Language of study: Kazakh, Russian

Qualification: Bachelor

Form of study: Full-time

Program Description: an innovative educational program «Sports and Wellness fitness " prepares top-class fitness trainers and fitness instructors for clubs of new generation with basic scientific training and professionally-oriented foreign language. Graduates will be able to integrate world innovation experience in high-quality sports, wellness and relaxation services into the practice of sports and fitness..

Medicine, research doctor

Duration of studies: 4 semesters, 2 years, (120 credits)

Qualification: Master of Medical Sciences in Medicine

Language of study: Kazakh, Russian, English

Form of study: full-time, mixed with a distance component.

Program Description: basic knowledge of systemic medicine as a comprehensive and comprehensive tool for analyzing the factors of development of polygenic diseases, programming skills in R and Python 3.0, working with the archive of the package of bioinformatics research Bioconductor, translating basic biomedical knowledge into understanding human diseases, modern software medicine, legal background in biomedical research and safety, organization and conduct of clinical research, critical thinking.



Nursing, Research Nurse

Duration of studies: 4 semesters, 2 years, (120 credits)

Language of study: Kazakh, English, Russian

Qualification: Master of Medical Sciences

Form of study: full-time, mixed with distance learning theoretical component

Program Description: Broad View about molecular biological methods diagnostics in clinical medicine, orientation in a variety of scientific facts about mutations and genetic polymorphism, basics pharmacogenomics, automatic methods diagnostic systems used in clinical laboratories, electronic register management, management of clinical trials, acquaintance with the translation of basic biomedical knowledge in the understanding of human diseases, the use of modern software in medicine.

Health Psychology

Duration of studies: 2-4 semesters, 1-1,5-2 years, (60-120 credits)

Qualification: Master of Social Knowledge in the specialty «Psychology»

Language of study: Kazakh, Russian, English

Form of study: full-time, mixed with a distance component.

Program Description: Graduates will be able to understand the principles and use methods of psychological assessment, counseling and intervention in various medical fields (oncological, cardiological, tuberculosis, psychiatric and narcological profile, etc.), as well as in organizations providing psychological services, knowledge theoretical and methodological foundations of psychology; research methods and experiment in psychology, computer modeling of social behavior; modern statistics in psychology; psychology with socially significant diseases; psychology in organizations that provide psychiatric and drug treatment.

MBA, EMBA-Business Administration in Healthcare

Duration of study: 2-4 semesters, 1-2 years (60-120 credits)

Qualification: Master of Business Administration of Healthcare

Language of study: Russian, English

Form of study: full-time, mixed with a distance component

Program Description: HR management and leadership. Legal liability and ethics in medicine. Operations management in healthcare. Managerial economics. Medical Law and Ethics. Business Planning, Quality and Finance. Quality management in the healthcare system. Marketing and logistics in healthcare. Digitalization and globalization in healthcare.



Health Management

Duration of studies: 2 semesters, 1 year, (60 credits)

Qualifications: Master of Economics and Business

Language of study: Kazakh, Russian, English

Form of study: full-time, mixed with a distance component.

Program description: a broad knowledge of the fundamentals of management, principles of policy and management in the health care system, evaluation of quality management of medical services, economics and financing of healthcare, marketing in the field of medical services, evaluation of medical technologies, personnel management. Graduates will be able to develop strategies and business planning in healthcare.

Physical Culture and sport

Duration of studies: 2-4 semesters (1, 1.5, 2 years) (60-120 credits)

Qualification: Master of Pedagogical Sciences in the educational program «7M014-Physical Culture and Sports»

Language of study: Russian, Kazakh

Form of study: full-time

Program Description: Graduates will have fundamental knowledge and professional skills in the field of scientific and educational, research and scientific and pedagogical activities in physical culture and sports in higher education and higher sports, rehabilitation of physical exercises and mass sports of students, people of different levels of fitness and physical disabilities.

Sport management

Duration of studies: 4 semesters, 2 years, (120 credits)

Qualification: Master of Education in the educational program «7M041 Sport Management»

Language of study: Russian, Kazakh

Form of study: Full-time

Program Description: The educational program offers a wide range of issues and research methodology in the field of sports management, an in-depth study of innovative technologies of teaching modern management principles in sports organizations. Graduates will have knowledge of the theory of management of the team, organization, structure in the field of physical culture and sports, the basics and features of financial management in physical education and sports organizations with the basics of entrepreneurship, business and market relations in physical culture and sports.



DOCTORATE (PHD)

Medicine, Medicine - Clinician-researcher

Duration: 6 semesters (3 years), (180 credits)

Language of study: English, Russian

Program Description: a broad understanding of computational and precision medicine, programming skills in R and Python 3.0, mathematical modeling of diseases, knowledge of machine learning and neural networks, knowledge for developing personalized diagnostics and treatment methods, knowledge of monogenic and multifactorial diseases, and differences in approaches in the personalization of the management of such diseases and the ability to develop projects, principles and methods for applying cellular technologies, genomic research methods, research methods transcript, proteomix methods of research, methods of work of automatic diagnostic systems.

Public health

Duration: 3 years.

Number of credits: 180-360

Degree: Doctor of Philosophy (PhD)

Language of study: Kazakh, Russian, English

Program Description: Health Economics, Analysis and Evaluation of Health Systems, Medical Technology Assessment, Longitudinal public health research, methods and models of decision-making in health management, patient-oriented technologies and programs, health impact assessment, effective management of medical personnel, quality of medical care, epidemiological surveillance of infectious diseases, environmental hygiene and public health.

Physical Culture and Sport

Duration: 3 years (180 credits)

Degree: Doctor of Philosophy (PhD)

Language of study: Kazakh, Russian, English

Form of study: full-time

Program Description. specialized vocational training that allows graduates to engage in scientific, educational, managerial and expert activities in physical culture and sports in high school and sports of the highest achievements; comprehensive understanding of methods, methodology, innovations in the field of theory and methods of physical culture and sports, the ability to carry out independent scientific research.



STUDENT LIFE!



Break between classes...



After watching the movie
«Student»



Unforgettable student time ..



Warm evenings at the dormitory

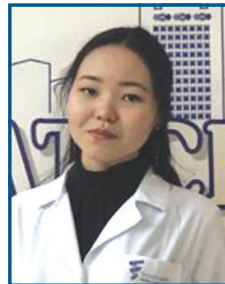


WHY I CHOSE THE FACULTY OF MEDICINE AND HEALTH CARE

A major role in the choice of the faculty was KazNU's rating in the world. I know that here I will get a decent education, because for students here many opportunities for self-realization and self-development.

Very strong teaching staff! Teachers educate us to be responsible, organized, punctual. In 2018, I was elected as a student dean of the faculty, now our team is constantly organizing various events, contributing to student life. I am confident that knowledge and public health skills which I get here will be appreciated by employers.

Utegen Akmaral, 1st year student.



The choice of profession was the most responsible step in my life. When I was convinced that I wanted to associate my life with medicine, I was able to choose a school. When I found out that the Higher School of Medicine will be opened at Al-Farabi Kazakh National University, one of the top universities in Kazakhstan, I went to Almaty. KazNU attracted me by mountains, the campus called «KazNuGrad», its name and setting.

I am convinced that I can rely on this university, and now I'm a medical student of this university. I do not regret about my decision and fully trust that I will not regret!

Tezekbayeva Gulnaz Sayranovna, 2 year



My name is Hashim Showkat, I hail from Srinagar Jammu and Kashmir I am currently a student of «Al-Farabi Kazakh National University» Almaty, Kazakhstan. The university is ranked 220 in the world and yes it is so I chose KazNU because of what it offers.

The al-Farabi university provides an international atmosphere for students like no other university does. It offers everything the best to the students. My department of higher medicine is another domain in KazNU. KazNU higher medicine department is best in every way that the level of education and exposure to the real field is what KazNu provides me. The study pattern based on the case study is what helps us to feel like dealing with real-life cases and makes concepts more clear. Future doctor program even helps us to get information about real-life scenario and make first aid training for us easier.

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Hashim Showkat





AL-FARABI KAZAKH NATIONAL UNIVERSITY
Faculty of Medicine and Health Care



OUR PARTNERS

