

ОҢТҮСТІК ҚАЗАҚСТАН МЕДИЦИНА АКАДЕМИЯСЫ ЮЖНО-КАЗАХСТАНСКАЯ МЕДИЦИНСКАЯ АКАДЕМИЯ SOUTH KAZAKHSTAN MEDICAL ĀCĀDEMY



PROSPECTUS 2018

REPUBLIC OF KAZAKHSTAN

SOUTH KAZAKHSTAN REGION

SHYMKENT

Shymkent

Is the second largest city in Kazakhstan and the first largest city in South Kazakhstan, one of the largest industrial, commercial and cultural centers of the country. Center of the South-Kazakhstan region.

Climate

- Average annual air temperature 13.0° C
- Relative humidity of air 57%
- Average wind speed 2.2 m/s











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Today SKMA is one of the most dynamically developing universities of the country which has all necessary resources for ensuring training of highly qualified competitive specialists of pharmaceutical and medical profile. SKMA rapidly moves forward, actively develops international partnership, strategic implements innovative educational technologies. Being the participant of main world trends of education development, SKMA harmonizes its activity in accordance with the Bologna process parameters, requirements of state programs of education and healthcare development and National frame of qualifications. Academy scientists contribute to the development of domestic medical and pharmaceutical science. By the number of scientific directions academy has leading position and the recognized authority in the country and abroad. The university sets new objectives in accordance with demands of the time, thus, currently SKMA has a high public and state recognition. We clearly see our strategic goals



M. Rysbekov (Rector Of SKMA)

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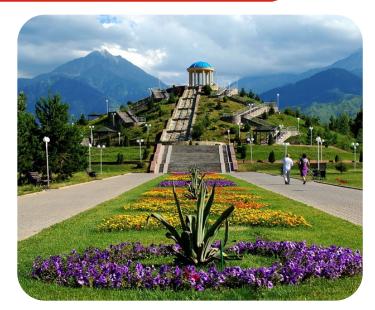
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Vegetation

Since ancient times Shymkent has the glory of a "city-garden", a green city. Along the streets stretch rows of slender poplars, branching karagachs, as well as tall oaks. Vegetation of the city is characterized by extreme diversity. Here grow Canadian maple, willow, chestnut, acacia, ailant, thuja, pine, spruce and many others.





Among the garden crops are

common cherries, apricots, plums, cherry plums, pomegranate, walnut, quince, various grape varieties, etc. Shrubs are mainly in some regions-blackberries. Among the wild herbs are dandelions, red poppies, cornflowers, shepherd's bag, clover. Artificially along the central streets grow petunias, calendula, rose bushes, tulips, daffodils. In the northern outs of the city in 1980, the Dendropark was defeated. On the territory of the park of 150 hectares grows about half a million kirts trees and shrubs, 1360 different species. Among them is a huge number of rare and exotic breeds.

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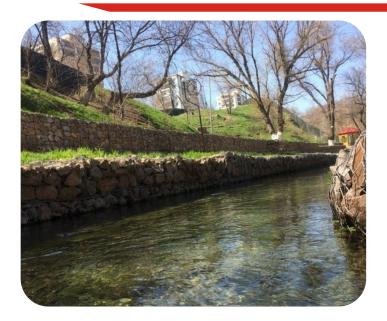
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Hydrography

Shymkent is characterized by a high standing of groundwater, which causes the presence of several spring sources in the center of the city. The river Koshkar-ata originates in the center of Shymkent from underground water sources. Along the source and the river bed there is a recreation area, squares are divided, the embankment is arranged. There are specially designated places for swimming. Koshkar-ata has a special cultural and historical significance. Being located on the Great silk road, in ancient times it was of great importance for the marching caravans.







The fact that Koshkar-ata is a source of pure spring water, in the Middle Ages predetermined the development of the city in the immediate vicinity. The river is a place of pilgrimage because of the mausoleum of Koshkar-ata located on its coast. In 2010, it received the status of a specially protected area of local importance. The Badam River originates from the north-western slope of the Karzhantau mountain. The Badam River flows along the southern outskirts of Shymkent. Work is being done to improve the embankment of the river. It is planned to create an infrastructure for a rowing sports complex.

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Mountain landscape

In the eastern part of the horizon, the view opens up a fairly long mountainous landscape, which enters the mountain system of the Western Tien Shan.In the southern part of the mountain chain is Mount Kazygurt (height 1768 m, length 20 km). In the direction to the north of the mountain Kazygurt there is a view of the Karzhantau mountain range (height 2823 m, length 90 km). Behind this mountain there is Ugamsk ridge (the highest point is 4299 m, the length is 115 km), which extends further north, coming out from under the overlap of the Karzhantau ridge. For most of the year the peaks are covered with snow.



Karzhantau Mountain

Kazyurt Mountain



STUDY PROGRAMMES

Higher Professional Education Bachelor's Degree

5B110300-«Pharmacy» 5B074800-«Technology of Pharmaceutical production» 5B130100-«General medicine» 5B110200-Public health» 5B110100-«Nursing»

Internship

5B130100-«General medicine»

- General medical practice
- Therapy
- Pediatrics
- Surgery
- Obstetrics-gynecology

Postgraduate Professional Education 0307000-«Prosthetic dentistry» **Master's Degree** 0306000-«Pharmacy»

6M110100-«Medicine» 6M110200-«Public health» 6M110400-«Pharmacy» 6M110300-«Nursing»

Residency

6R111500-«Neuropathology, including children's»
6R114200-«Pediatrics»
6R111900-«Beam diagnostics»
6R111300-«Infectious diseases including children's infectious diseases»
6R114400-«Obstetrics and gynecology including pediatric gynecology»
6R110300-«Cardiology, including children's cardiology»
6R111200 - « Professional pathology»
6R117200 - «General surgery»

Secondary Professional Education

0301000-«General medicine» 0304000-«Dentistry» 0307000-«Prosthetic dentistry» 0306000-«Pharmacy» 0302000-«Nursing» 0302000-«Nursing» (applied bachelor's degree)

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EDUCATIONAL ACTIVITY

SKMA implements educational activity in 2 groups of specialties at undergraduate and postgraduate levels: public health and social welfare (medicine), engineering science and technologies. Contingent of learners is annually increasing that is due to growing demand in medical and pharmaceutical personnel in the Southern region. The composition of academy includes medical and pharmaceutical faculties, postgraduate education department, department of internship and graduates employment, faculty of specialists training with technical and professional education, faculty of continuous professional development. Highly qualified specialists such as doctors PhD in medical and pharmaceutical sciences, doctors of highest category, honored physicians of Kazakhstan, Academicians of public and national academies of sciences, the owners of the sign "Excellence in public health" work at the departments. Within the realization of multilingualism policy the training is conducted on 3 languages. Staff training is implemented in the close interaction with employers; dual training model is realized. In educational process module study programes are introduced, active training methods, simulation technologies and standardized patients are widely used in clinical training. An official website of SKMA (www.ukma.kz) comprises information about university activity. Educational portal available for any student includes training-methodical base of academy, e-textbooks, training workshops and exams. Created in academy information network provides technically full functioning of information-educational environment of academy which keeps high degree of information technologies implementation into educational process. By international exchange academy students are trained in National pharmaceutical university (Kharkiv city, Ukraine), I.M.Sechenov First Moscow state medical university (Moscow city, Russia), Bashkir state medical university (Ufa, Russia), Tyumen state medical academy (Tyumen, Russia), St.Petersburg chemical-pharmaceutical academy (St. Petersburg, Russia), University of veterinary and pharmaceutical sciences (Brno, Czech Republic).





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SCIENTIFIC RESEARCH WORK

SKMA is one of the largest regional scientific centers of Kazakhstan. According to the rating results The Ministry of Healthcare of the Republic of Kazakhstan, for the last 5 years scientific activity of SKMA has raised from 29th place to 3rd place, in students' scientific activity Academy takes 1st place among medical universities of Kazakhstan. Academy was the first among medical universities of Kazakhstan that was accredited as the subject of scientific and scientific-technical activity. Scientific-technical projects where actively participate students and master students are implemented in SKMA. Research outcomes are published in different domestic and foreign scientific journals with regional and global recognition. Transfer of new medical and pharmaceutical technologies into practice in the kind of patents, innovation patents, technological regulations, rationalization proposals is implemented. In SKMA annually there are conducted international, including jointly with the Fund of the First President of Republic of Kazakhstan-Leader of Nation.





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INTERNATIONAL COOPERATION

In order to integrate into the world educational space SKMA collaborates with International association of universities, Charles university in the Czech Republic, European association of students and entrepreneurs, Association of medical education in Europe, Medical university of Gdansk (Republic of Poland), Poznan University of Medical Sciences(Republic of Poland) etc. The partner universities of SKMA are the leading universities in Russia - Sechenov University (Moscow), Bashkir State Medical University (Ufa), universities of Uzbekistan - Tashkent Medical Academy (Tashkent), Bukhara State Medical Institute (Bukhara). Within international cooperation SKMA implements program of scientists exchange having significant professional experience in the field of medicine, pharmacy and pedagogy with leading universities of far abroad, CIS countries and universities of Kazakhstan. There are programs on advanced training and training of academic staff on competence-based approach abroad (the USA, Singapore, Canada, Russia, Ukraine, Hungary, Israel) as well as inside the country. Academy has close relations with healthcare organizations, pharmaceutical companies, the largest pharmaceutical manufacturers of region etc. SKMA cooperates with Medical university of Gdansk (Gdansk, Poland) and pharmaceutical company "Polpharma", which is the majority shareholder of JSC "Khimfarm" (Shymkent, Kazakhstan). The main direction of international cooperation is academic mobility of students. Students of SKMA had the opportunity to study during the term in partner universities, listen to lectures of leading scientists of foreign universities. Students from India are studying in SKMA on the specialty "General Medicine".





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INTERNATIONAL COOPERATION





On April 5, 2018, the Academy hosted a meeting between rector, Professor M.Rysbekov and the Indian Ambassador to Kazakhstan, Mr. Prabhat Kumar, The Ambassador of India in Kazakhstan expressed interest of Govt. of India and Indian Universities in cooperation on student exchange issues, joint work in projects.

INTERNATIONAL RECOGNITION

- International honor diploma "European Grant" for high quality in business practice
- International honor diploma "Millennium Award" for development and effective usage of modern progressive technologies in professional area
- International diploma "Nation's intelligence" for great contribution in intellectual society development, high professional achievements
- Certification "The Best Enterprise" ("Best Enterprises of Europe") for dynamic developing organization in the sphere of education
- Bronze medal "Leader of Kazakhstan" of National Business Rating of enterprises of Kazakhstan
- International honor award in nomination "For contribution in science and education and training of highly qualified staff" of International contest "Gold medal SEIN"
- International award in scientific research and study programmes sphere in nomination "Name in Science"









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TRAINING SIMULATION DEPARTMENT

Training simulation department equipped with up-to-date robots-simulators, simulators, manikins and dummies functionate in Academy. Specialized classrooms of the department ("Obstetrics and gynecology", "Surgery", "Pediatrics", "Therapy", "General practitioner", "Emergency ambulance and resuscitation", "Nursing") are designed for the development, strengthening and assessment of students' clinical skills. Training simulation department is the educational venue for students of all education levels SKMA, including listeners of faculty of continuous professional development.





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RESEARCH LABORATORY OF GENOMIC

In the laboratory of genomic research there are fundamental and applied studies on determination of gene mutations in the prenatal period, the study of living organism's genomes, diagnostics of infectious diseases, paternity determination, cloning of genes, selection of new genes, identification of the cadaver remains etc. For the first time in Kazakhstan on the basis of this laboratory it was created a PCR test-system for one allele of the gene responsible for individual sensitivity to anti-TB drugs (antituberculosis)-isoniazid. In the laboratory biomedical studies of regenerative process at the molecular level to prevent the aging process of the human body are being conducted.



CLINICAL AND DIAGNOSTIC LABORATORY



Clinical and diagnostic laboratory equipped with state-of-the-art diagnostic equipment for development and formation of practical skills of students and listeners of continuous professional development faculty functionate in Academy. The laboratory includes 5 specialized classrooms: physiological; hygienic; morphological; biochemical; microbiological.

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RESEARCH LABORATORY OF MEDICINAL PLANTS

In the laboratory of medicinal plants following studies are conducted: pharmacognostic and phytochemical research of medicinal plants and biologically active substances isolated from them; studies on promising flora representatives of unexplored plants' species in Kazakhstan and development of medicinal products based on them.



TEST COMPUTER AND PUBLISHING CENTER



In SKMA there is a test computer and publishing center equipped with multimedia projectors and computers of new generation united in a local network with Internet access. There was created common broadband corporate information network with fiber-optic cable. Up-to-date high-speed computer network unites all educational buildings and hostel of the university. There are an official website of SKMA (www.ukma.kz) and system of wireless link. In TCPC we have a publishing house equipped with the modern equipment. The publishing house quarterly issues a scientific journal "Vestnik of SKMA" ("Messenger") newspaper "Densaulyk" ("Health").

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MILITARY DEPARTMENT

On the Department is implemented military-medical training of high qualified officers of medical stock service for Armed Forces and other military formations of the Republic of Kazakhstan who are able to solve mission tasks in military time. Specialized thematic, training classes equipped with the simulators for training of techniques of emergency resuscitation activities, set of training and test programs, computer classes, library of special literature, elibrary of training and methodical literature are for quality students' training. Logistics of the Department meets the modern requirements and is the best one among military departments of universities in Kazakhstan.



LIBRARY AND INFORMATION CENTER



Students and faculty of Academy are provided with access to training, scientific, information databases (DB),including international data sources: full-text DB of informationallegal support "Zan"; electronic information-educational systems that content publications in core studied disciplines: "Consultant of doctor", "Consultant of student"; DB "Web of knowledge" of Thomson Reuters publishing house; "Sci Verse Science Direct" DB of Elsevier company. There is a library website (http://library.ukma.kz) which provides convenient and available navigation in online information resources: E-catalogue, New acquisitions, Fulltext domestic and foreign resources, Resources, News, Useful links etc. For library users we made media library (elibrary) and reading hall of the hostel with automated workplaces with wired and wireless (Wi-Fi) access to Internet

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S. Seytzhanov, the founder of the South Kazakhstan Medical Academy, plans to build the Kazakh Innovation University, which will include SKMA. For the construction of a new university, 150 hectares have been allocated and an architectural project has been approved & construction work has been started. The University is designed for 12,000 Indian students who will receive knowledge in medicine, chemistry, technology and higher business school. Also, social facilities and residential buildings will be built on the territory of the University. The project of the future University is presented to the Akim of the region.

In University campus a hospital of 1000 Beds Capacity and Modern Medical Research Center is approved and hospital is started from year 2021.

DORMITORY

Academy Purchase a new hostel of 1000 Beds capacity, including indian mess for the year 2018-2019 onwards. In academy dormitory there is a computer class, connected to the Internet, reading room, library, hall for cultural events. The dormitory has internal hot water supply and sewerage, kitchens are connected to city networks of natural gas.







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STUDENT LIFE

We have created all conditions for personal development and upbringing of studied youth. Youth center "Bolashak" which includes SKMA branch of students' alliance in Kazakhstan, debate club "Ziyalykazak", sports club "Barys", creative organization "Shabyt", Club of cheerful and witty "Farmzhastary", women's council "Tumar", club of nation's friendship "Birlesu", student council of dormitory and youth wing of "ZhasOtan" conducts active activity. Academy students take part and take prizes in Championships of the highest rank in Asia, Europe and world. They are the winners of scientific-research conferences of Republican and international levels; intellectual contests, competitions and Olympiads. For promotion and formation of healthy lifestyle skills of city and region population, students of Academy do different actions and flashmoves: "Young people is against AIDS!", "We are for the healthy lifestyle", "Healthy nation has a healthy future!" etc.





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GYM

CANTEEN





STOMATOLOGICAL CLINIC





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WE CHOOSE SKMA!





SOUTH KAZAKHSTAN MEDICAL ACADEMY

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Қазақстан Республикасы, 160019 Шымкент қаласы, Әл-Фараби алаңы, 1 Тел.: 8-725-2-40-82-18 Факс: 8-725-2-40-82-19 e-mail: medacadem@rambler.ru www.ukma.kz

Республика Казахстан, 160019 г. Шымкент, пл. Аль-Фараби, 1 Тел.: 8-725-2-40-82-18 Факс: 8-725-2-40-82-19 e-mail: medacadem@rambler.ru www.ukma.kz



Corporate Office:Kazakhstan International Consulting Company
Building-21, Aptt – 4, Shymkent – 160001,
South Kazakhstan State, Republic of
Kazakhstan

Tel.: +7-725-2-77-14-24 Fax.: +7-725-2-53-46-45

Head Office :-Plot No.-56, Toganpur, Sector-9, Dwarka New Delhi-110077

Kolkata Office:-



Aashyana Apartments, 1st Floor, 14,M.M. Rahman Sarani, 123 Karaya Road (Near Bangladesh Deputy High Commission), Kolkata, West Bengal 700017

Ph: 033 4600 9600 Or 9932625163

www.piceeducare.com