



**The program of
the entrance exam for the group of educational programs of the Faculty of
Medicine and Healthcare
THE HIGHER SCHOOL OF MEDICINE
PhD degree
for foreign citizens to study on a paid basis**

1. General provisions

1.1 The program was drawn up in accordance with the Order of the Minister of Education and Science of the Republic of Kazakhstan dated October 31, 2018, No. 600 «On approval of the Model Regulations for admission to studies in educational organization, implementing educational programs of technical and vocational education» (hereinafter – the Standard Rules).

1.2. In Al-Farabi KazNU for educational programs of postgraduate education (doctoral studies) are admitted persons who have mastered educational programs of postgraduate education. The admission to the doctoral program is allowed to applicants who have a “Master’s” degree.

1.3. Entrance examinations according to Annex 2 to the Standard Rules are held **in the format of an interview** for the following groups of educational programs:

- ✓ 8D10104 Pharmacy
- ✓ 8D10102 – Medicine

1.4 For the organization and conduct of entrance examinations for admission of a foreign applicant by the decision of the rector of AL-FARABI Kazakh National University is creating an examination committee for the period of examinations.

The commission of entrance examinations for admission of a foreign applicant to KazNU includes employees of the Internationalization and Recruiting Office (hereinafter referred to as the Office) and the professor-teaching staff of KazNU.

1.5 In case a foreign applicant who meets the above requirements has no possibility to come to the University for an entrance interview, he has the opportunity to take it online.

1.6 Entrance exam in the form of oral conversation (interview) for admission to a foreign applicant are evaluated on a 100-point system. When enrolling on a paid basis, 75 points are counted.

1.7 Based on the results of the entrance exam, an interview protocol is drawn up in the prescribed form according to the requirements of the Office. The interview record is signed by the chairman and all members of the commission present and submitted to the Office.

1.8 The decision on admission is made by the University Admissions Committee on the results of the interview. The results of the entrance exam are announced on the same day.

1.9 Retaking the entrance exam is not permitted.

1.10 appeal against the results of the interview is not considered.

2. Conducting the entrance exam in 2024

2.1 The interview is conducted in Russian, Kazakh and English. The oral interview also contains questions aimed at revealing the ability to learn, creative activity and critical thinking, personal qualities of the applicant.

2.2 An indicative list of interview topics:

1. Definition of public health and healthcare, components of health,
2. Morbidity indicators, main criteria;
3. The place and role of nursing personnel in the health care system.
4. The concept of quality of medical care.
5. The concept of health promotion and its role in public health.
6. Risk factors. Medical activity of the population. The concept of creating a healthy lifestyle.
7. Standardization in healthcare. Principles of quality management of medical care in healthcare.
8. Accreditation of medical organizations: purpose, objectives and principles.
9. Relationship of EBM with clinical epidemiology and biomedical statistics.
10. Methods of qualitative and quantitative research in evidence-based medicine.
11. Management and marketing in pharmacy
12. Development of the theory and practice of management and marketing in pharmacy.
13. Management as a management tool for a pharmacy organization.
14. Manager and pharmacy organization. Personnel management, personnel management.
15. Approaches to organizing marketing in pharmacy. Pharmaceutical marketing management process, marketing environment, general characteristics.
16. Marketing research and marketing information systems. Strategic marketing planning, forecasting methods.
17. State system of quality control of medicines. System for ensuring the effectiveness, safety and quality of pharmaceutical products. Production of medicines and medical products in the Republic of Kazakhstan.
18. Scientific research, fundamental and applied research. Methodology, methodology, method.
19. General methodology of scientific knowledge and its requirements. Stages of scientific research.
20. Selecting a research topic, analysis of literature on the research topic, bibliographic search of literary sources, the concept of bibliographic information. Bibliographic and scientific information.

2.3 List of recommended literature for preparation:

1. The Code of the Republic of Kazakhstan on the Health of the People and the Healthcare System (with amendments and additions as of 07.07.2020).
2. Order of the Acting Minister of Health of the Republic of Kazakhstan dated February 04, 2021 No. KR DSM-15 "On approval of appropriate pharmaceutical practices". Registered with the Ministry of Justice of the Republic of Kazakhstan on February 9, 2021 No. 22167
3. Order of the Minister of Health of the Republic of Kazakhstan dated December 23, 2020 No. KR DSM-15 "On approval of the rules for pharmacovigilance and monitoring of safety, quality and effectiveness of medical devices".
4. Order of the Minister of Health of the Republic of Kazakhstan dated May 8, 2019 No. KR DSM-70 "On approval of the Rules for the Development and Approval of the Kazakh National Drug Form". Registered with the Ministry of Justice of the Republic of Kazakhstan on May 13, 2019 No. 18655
5. Order of the Minister of Health of the Republic of Kazakhstan dated December 11, 2020 No. KR DSM-255/2020 "On approval of the rules for conducting preclinical (non-clinical) studies and

2. McCormack, J., Slught, J. (2005). English for Academic Study: advanced writing and research skills. Garnet education: University of Reading.
3. Methods of scientific knowledge. – Almaty: Gylym, 1996.
4. Patent Law of the Republic of Kazakhstan. – Almaty: Daneker, 2001 – 31 p.
5. Purdue's Online Writing Lab <http://owl.english.purdue.edu/>
6. Harvard University, Writing Center <http://isites.harvard.edu/icb/icb.do?keyword=k33202&pageid=icb.page143936>
7. Grammar and Writing Guide <http://grammar.ccc.commnet.edu/grammar/>
8. University of Wisconsin-Madison, Writer's Handbook <http://www.writing.wisc.edu/Handbook/index.html>

3. Scale and assessment criteria of the entrance examination for admission to the doctoral program for foreign citizens on a fee-paying basis:

Number of points	Compliance criteria
90–100 points «Excellent»	Demonstrates knowledge of the fundamental processes within the studied subject area; depth and completeness of addressing the issue; logically and sequentially expresses own opinion on the discussed problem; possesses conceptual-categorical framework, scientific terminology; logical coherence of the answer, adherence to the norms of contemporary scientific language.
80–89 points «Good»	Competent use of scientific terminology; mastery of conceptual-categorical framework; problem-oriented presentation of formulated questions; occasional errors in presenting factual material; incompleteness in presenting scientifically established facts within the scope of questions; logical coherence of the answer, adherence to the norms of contemporary scientific language.
75–79 points «Satisfactory»	Insufficient use of scientific terminology; inadequate mastery of conceptual-categorical framework; ability to address only one of the problems formulated in the questions; errors in presenting factual material; superficial knowledge of the subject area; violation of logical coherence in the answer, norms of contemporary scientific language.
0–74 points «Unsatisfactory»	Absence of necessary scientific terminology in the answers; descriptive presentation of discussed issues, inability to identify and present problems; gross errors in presenting factual material; lack of knowledge of historiography of the studied subject area.