



«APPROVED»

Member of the Board – Vice Rector
for Academic Affairs

NJC «Al-Farabi KazNU»

Kazmagambetov A.G.

2025

**The program of
the entrance exam for the group of educational programs of the
Faculty of Medicine and Healthcare
THE HIGHER SCHOOL OF MEDICINE
Master's 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. Kazakh National University named after al-Farabi accepts individuals who have completed higher education programs for postgraduate education programs (master's degree).

1.3. Entrance exams are conducted in the form of interviews for the following educational programs:

- ✓ 7M10121 – Nursing (Quality Management), 2 years
- ✓ 7M10122 – Nursing, 1 year
- ✓ 7M10104 – Medicine (Physician-Researcher), 2 years
- ✓ 7M10125 – Medicine, 1 year
- ✓ 7M10101 – Healthcare Management, 2 years
- ✓ 7M04132 – Healthcare Management, 1.5 years
- ✓ 7M10126 – Healthcare Management, 1 year
- ✓ 7M10123 – Quality Management in Healthcare
- ✓ 7M10102 – Public Health
- ✓ 7M10103 – Public Health, 1.5 years
- ✓ 7M10117 – Pharmacy
- ✓ 7M01401 – Physical Culture and Sports

1.4 To organize and conduct entrance examinations for admission of a foreign applicant, a subject examination committee is created by the decision of the Rector of Al-Farabi KazNU for the academic year.

The entrance examination committee for admission of a foreign applicant to KazNU includes

employees of the Department of Internationalization and Recruitment (hereinafter referred to as DIR) and the faculty of KazNU.

1.5 If a foreign applicant who meets the above requirements is unable to come to the University to undergo an entrance interview, he has the opportunity to undergo it online.

1.6. Entrance examinations in the form of an oral conversation (interview) for admission of a foreign applicant are assessed on a 100-point system. When enrolling in a paid Master's program, at least 75 points are counted for the scientific and pedagogical (2 years) and at least 50 points for the specialized direction (1-1.5 years).

1.7. Based on the results of the entrance exam, an interview protocol is drawn up in the established form. The interview protocol is signed through the Salem office system by the chairman and all present members of the commission and transferred to the DIR.

1.8. The decision on admission is considered by the selection committee for the enrollment of foreign applicants and is drawn up in a protocol through the Salem office system. The results of the entrance exam are announced on the day of the exam.

1.9. Retaking the entrance exam is not allowed.

1.10. An appeal is provided based on the results of the interview within 24 hours.

2. Conducting the entrance exam in 2025

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

2.2. Approximate list of interview topics:

1. Types of biomedical data.

2. Measuring variability (variability) of data.

3. Statistical hypotheses.

4. Unpaired Student's t-test.

5. Nonparametric tests.

6. Descriptive studies.

7. Analytical studies

8. Experimental studies

9. Secondary clinical studies.

10. Stages of evidence-based medicine

11. Public health and healthcare as a science and subject of teaching.

12. Medical demography. The importance of demographic data for characterizing public health.

13. Methods for studying morbidity based on visits, medical examinations and causes of

death.

14. Organization of medical care to the population (primary and hospital, inpatient).
15. Infectious Disease Surveillance
16. Outbreak Investigation
17. Epidemiology and Surveillance of Non-Infectious Diseases.
18. Types of Biomedical Data.

19. The Purpose, Objectives, Means, and Methods of Physical Education.
20. Main Characteristics of Physical Exercise Techniques
21. Objectives and Contents of Physical Education for Preschool Children
22. Characteristics of Criterial Assessment in Physical Education Classes at School.

2.3 List of Recommended Literature for Preparation:

1. Petri, A. Visual Medical Statistics: A Manual. — 2nd ed., revised. and additional — M: GEOTAR — Media, 2010.
2. General Epidemiology with the Basics of Evidence-Based Medicine: A Guide to Practical Classes: A Manual/edited by V.I. Pokrovsky, N.I. Briko. — 2nd ed., corrected and enlarged. — Moscow: GEOTAR-Media, 2017. — 496 p.
3. Methods of Scientific Research in Medicine and Healthcare / Elizabeth De Poy, Laura N. Gitlin; trans. from English. Ed. by V. V. Vlasov. — Moscow: GEOTAR-Media, 2017. — 432 p.: ill.
4. Fundamentals of Evidence-Based Medicine / T. Greenhalgh; trans. from English. edited by I. N. Denisov, K. I. Saitkulova, V. P. Leonov. — 4th ed., revised and enlarged. — Moscow: GOETAR-Media, 2018.
5. Important Health Information. Trisha Greenhalgh. aud. aqylsh. til. / zhau. ed. G. S. Kemelova, T. K. Sagadatova, GOETAR-Media, 2018.
6. Raushanova A. M. Fundamentals of evidence-based medicine: textbook. - Almaty: "Kazakh University", 2019. 100 copies.
7. Public health: textbook / A. A. Akanov, K. A. Tulebaev, M. A. Kamaliev et al. - M: Moscow: Litera, 2017. - 496 p.
8. Lisitsyn Yu. P. Public health and health care: [Text]; Textbook / Yu. P. Lisitsyn, G. E. Ulumbekova. - 3rd ed., revised. and add. — M: GEOTAR-MEDIA, 2015. — 544 p.
9. V. A. Medic, V. K. Yuryev. Public Health and Healthcare. 3rd ed., revised. and add. Textbook — GEOTAR-Media-2014.
10. Petri, A. Visual Medical Statistics: textbook. — 2nd ed., revised. and add. — M: GEOTAR-Media, 2010.
11. General Epidemiology with the Basics of Evidence-Based Medicine: Guide to Practical Classes: textbook / edited by V. I. Pokrovsky, N. I. Briko. — 2nd ed., revised. and add. — M.: GEOTAR-Media, 2017. — 496 p.
12. Methods of Scientific Research in Medicine and Health Care / Elizabeth De Poy, Laura N. Gitlin; trans. from English. Ed. by V. V. Vlasov. - M.: GEOTAR-Media, 2017. - 432 p.: ill.
13. Fundamentals of Evidence-Based Medicine / T. Greenhalgh; trans. from English. edited by I. N. Denisov, K. I. Saitkulova, V. P. Leonov. - 4th ed., revised. and additional. - M.: GOETAR-

Media, 2018.

14. Important Health Information. Trisha Greenhalgh. audio. / editor. G. S. Kemelova, T.K. Sagadatova, GOETAR-Media, 2018.

15. R. Dicker. Principles of Epidemiology. Second edition. Office of Epidemiology Programs of the CDC, USA, 1998. – 457 p.

16. Koichubekov B.K. Biostatistics: a tutorial. -Evero, 2014.

17. General Epidemiology with the Basics of Evidence-Based Medicine: a Guide to Practical Classes: a tutorial / edited by V.I. Pokrovsky, N.I. Briko. - 2nd ed., corrected. and additional - Moscow: GEOTAR-Media, 2017. - 496 p.

18. Methods of Scientific Research in Medicine and Health Care / Elizabeth De Poy, Laura N. Gitlin; trans. from English. Ed. by V.V. Vlasova. – M.: GEOTAR-Media, 2017. – 432 p.: ill.

19. Botagariev T.A. Dene shynykturu theories men adistemesi. Oku kuraly. – Aktobe: Aktobe memlekettik pedagogical institutes, 2013. –207 b.

20. 2.Uanbaev E.K. Dene madenieti zhane sportstyn ilimimen adistemesi: Oku kuraly.- Askemen, 2009.

21. 3..Theory and methodology of physical culture: Textbook / Under. Ed. Prof. Yu.F. Kuramshina. - 2nd ed., corrected. - M: Sovetsky Sport, 2004. - 464 p.

22. 4. Kholodov Zh.K., Kuznetsov V.S. Theory and Methods of Physical Education and Sports: A Textbook for Students of Higher Education Institutions. - 2nd ed., corrected. and additional - M.: Publishing Center "Academy", 2001.-480 p.

23. 5.Theory and methodology of physical culture: Textbook / Under. Ed. Prof. Yu.F. Kuramshina. – 2nd ed., rev. – M: Soviet Sport, 2004. – 464 p.

24. Biostatistics / V.F. Moskalenko [et al. – 2017].

25. <http://www1.worldbank.org/hnp/>

26. <http://www1.worldbank.org/hnp/publichealth.asp>

27. <http://www.undp.org>

28. <http://www.who.int>

29. <http://www.euro.who.int/observatory>

30. <http://www.studentlibrary.ru>

3. Scale and criteria for evaluating the entrance exam for admission to the master's program (specialized track) for foreign citizens on a fee-paying basis:

Number of points	Compliance criteria
90-100 points «Excellent»	All competencies required for the entrance exam have been mastered. A comprehensive answer has been provided to two theoretical questions: - Scientific terminology has been correctly utilized. - All necessary features, elements, grounds, and classifications have been accurately named and defined to substantiate the arguments. - The main viewpoints accepted in scientific literature regarding the discussed issue have been indicated. - Own position or viewpoint has been argued, and the most significant research problems in this field have been identified.

	<ul style="list-style-type: none"> - The practical problem has been solved correctly with all necessary explanations.
75-89 points «Good»	<p>All competencies required for the entrance exam have been mastered. A correct answer has been provided to two theoretical questions, with minor deficiencies identified in preparation: Scientific terminology is applied.</p> <ul style="list-style-type: none"> - All necessary features, elements, classifications are named, but there is an error or inaccuracy in the definitions or concepts. - There are shortcomings in argumentation, factual or terminological inaccuracies are present, but they are not significant. - Some insights into possible research problems in the field are expressed. - The practical problem is partially solved with incomplete explanations provided.
50-74 points «Satisfactory»	<p>All competencies required for the entrance exam have been mastered. A correct answer has been provided to two theoretical questions, with minor deficiencies identified in preparation:</p> <ul style="list-style-type: none"> - Only some grounds, features, characteristics of the phenomenon under consideration are named and defined. - Significant terminological inaccuracies are present. - Own viewpoint is not presented. - No insights into possible research problems in the field are provided. - The practical problem is not solved.
0–49 points «Unsatisfactory»	<p>Not all competencies required for the entrance exam have been mastered. Incorrect answers are provided to two theoretical questions, with significant deficiencies identified in preparation. The practical problem is not solved.</p>

3.1 Scale and assessment criteria of the entrance examination for admission to the master's program (academic and pedagogical direction) 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.