 ASTANA MEDICAL UNIVERSITY	<b>NCJSC “Astana Medical University”</b>	Стр 1 из 8
	<b>Entrance Examination Program</b>	

## ENTRANCE EXAMINATION PROGRAM

**For the educational program: 6B10114 – Ergotherapy**

**Duration of study:** 2 years and 6 months.


**Mode of study:** full-time.

**Astana, 2026.**



## **Contents**

1	Purpose and scope of application	3
2	Regulatory references	3
3	Main part	3
3.1	Brief information	3
3.2	Contact information	3
3.3	Location of the special exam	3
3.4	Format of the entrance examination	3
3.5	Schedule of submission of documents and terms of the entrance exam	4
3.6	Examination materials	4
3.7	Results of the entrance examination	6

 <small>ASTANA MEDICAL UNIVERSITY</small>	<b>NCJSC “Astana Medical University”</b>	Стр 3 из 8
	<b>Entrance Examination Program</b>	

## 1. PURPOSE AND SCOPE OF APPLICATION

1.1 The program is intended for applicants in the field of "Health care" groups of educational programs:

6B10114 - Ergotherapy with a training period of 2.6 years;

## 2. REGULATORY REFERENCES

2.1 This Program contains references to the following documents:

-Order of the Minister of Education and Science of the Republic of Kazakhstan No. 600 dated October 31, 2018, “On Approval of the Standard Rules for Admission to Educational Organizations Implementing Higher and Postgraduate Educational Programs” (as amended by the Order of the Acting Minister of Science and Higher Education of the Republic of Kazakhstan No. 547 dated 27.10.2023).

## 3. THE MAIN PART

### 3.1 Brief information

In accordance with paragraph 6 of Chapter 2 of Order No. 600 dated October 31, 2018, citizens of the Republic of Kazakhstan who have technical and vocational, post-secondary, or higher education are admitted to study under higher education programs with shortened terms of study.

The entrance examination is conducted in the form of computer-based testing at the Astana Medical University in an offline format.

### **Required educational background for applicants (2 years and 6 months program):**

Technical and vocational education in “Nursing” or “General Medicine” with a specialist certificate, or higher education in “Physical Culture and Sports”, “Pedagogy and Psychology”, “Nursing”, “General Medicine”, “Pediatrics”, “Dentistry”, “Preventive Medicine”, “Kinesiotherapy”, without work experience requirements.

### **3.2 Contact Information:**

Astana, 49A Beibitshilik Street, Astana Medical University, School of Nursing, rooms 802 and 215; office phone: +7 (7172) 577-896 (243), mobile: +7 708 957 84 80, e-mail: zhetmekova.zh@amu.kz.

### **3.3 Location of the special exam:**

Astana, 51 Beibitshilik Street, Astana Medical University.

### **3.4 Format of the entrance examination:**


-Computer-based testing.

The list of test items was approved at the meeting of the School Council of the Astana Medical University, Protocol No. 8 dated April 28, 2026.

### **3.5 Schedule of submission of documents and terms of the entrance exam**

Table 1.

<b>Document Submission Period</b>	<b>Examination Dates</b>	<b>Examination Time</b>	<b>Acceptance of Appeals</b>	<b>Place of the exam</b>
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 ASTANA MEDICAL UNIVERSITY	<b>NCJSC “Astana Medical University”</b>	Стр 4 из 8
	<b>Entrance Examination Program</b>	

1 July – 3 August	5-14 August 2026 г.	10.00-12.00 14.00-16.00	By 1:00 p.m. on the day following the announcement of the results.	51 Beibitshilik Street, 5th floor, Rooms 501 and 509.
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\*The entrance examination schedule (exact date, time, and applicant’s full name) will be published on our website in the “For Applicants” section under “Shortened Study Program.

### List of required documents:

1. an application addressed to the Rector of the University in the prescribed form;
2. a document confirming technical and vocational, post-secondary, or higher education (original);
3. an identity document (original and copy);
4. six photographs measuring 3 × 4 cm;
5. a medical certificate in Form 075/u (original and copy), fluorography image, and a copy of
6. Form 063/u (vaccination card);
7. an extract from the record of completion of the psychometric examination;
8. persons holding documents of technical and vocational or post-secondary education who have confirmed their qualification and possess at least one year of work experience in the specialty shall additionally submit one of the documents provided for in Article 35 of the Labor Code of the Republic of Kazakhstan.

### 3.6. Examination materials:

1. Concept of “health.”
2. Concept of “lifestyle.”
3. Concept of “healthy lifestyle.”
4. Functions of emotions.
5. Mechanisms of adaptation to the environment.
6. Concept of “functional state of the organism.”
7. Concept of “stress.”
8. Levels of functional state.
9. Optimal functional state.
10. Individual level of activation.
11. Definition of the concept of “adaptation.”
12. Concept of “intellectual work.”
13. Criteria for determining the functional state of the organism.
14. Types of functional states of the organism.
15. Types of adaptation.
16. Adaptation of patients with limited mobility.
17. Structural trace of adaptation: definition and characteristics.
18. Characteristics of stable adaptation.
19. Bones: types of bones.
20. Modes of muscle activity.
21. Definition of individual level of activation.

22. Characteristics of types of activity.
23. Concept of anatomy, history of anatomy.
24. Concept of “osteon.”
25. Structural features of cervical vertebrae.
26. Structural features of the first cervical vertebra (atlas).
27. Structural features of lumbar vertebrae.
28. Structural features of vertebrae.
29. Articular processes and their structural features.
30. Anatomical planes of the human body.
31. Concept of the frontal plane of the human body.
32. Concept of “plastic anatomy.”
33. Instrumental research methods.
34. Theory of four temperaments.
35. Body types.
36. Types of temperament.
37. Skeleton: functions of the skeleton.
38. Stages of skeletal development.
39. Structural features of upper limb bones.
40. Structural features of lower limb bones.
41. Concept of iatrogeny.
42. Early signs of biological death.
43. Main signs of clinical death.
44. Concept of antagonist muscles and their functions.
45. Concept of agonist muscles and their functions.
46. Types of behavior.
47. Endocrine glands.
48. Functions of endocrine glands.
49. Pituitary gland: structure and functions.
50. Diseases associated with pituitary disorders.
51. Pineal gland: structure and functions.
52. Diseases associated with pineal gland disorders.
53. Thymus gland: structure and functions.
54. Diseases associated with thymus disorders.
55. Adrenal glands: structure and functions.
56. Diseases associated with adrenal gland disorders.
57. Concept of flexion.
58. Concept of extension.
59. Functions of emotions.
60. Definition of a multidisciplinary team.
61. Composition of a multidisciplinary team.
62. Interdisciplinary approach in occupational therapy.
63. Role of the occupational therapist in a multidisciplinary team.
64. Concept of occupational therapy.
65. Goals of occupational therapy.
66. Objectives of occupational therapy.
67. Contraindications for occupational therapy.
68. Indications for occupational therapy.
69. Principles of occupational therapy.

70. Methods of occupational therapy.
71. Factors improving occupational therapy outcomes.
72. Categories of patients requiring occupational therapy.
73. Tools used in occupational therapy.
74. Occupational therapy approaches for Alzheimer’s disease patients.
75. Features of occupational therapy for patients with cognitive impairments.
76. Approaches for patients with depression.
77. Approaches in rehabilitation after amputation.
78. Factors significantly improving occupational therapy outcomes.
79. Occupational therapy methods for post-stroke patients.
80. Methods for improving fine motor skills.
81. Main indicators of occupational therapy effectiveness.
82. Goals of occupational therapy for children with autism spectrum disorder.
83. Goals of occupational therapy for children with cerebral palsy.
84. Features of occupational therapy for spinal injury patients.
85. Occupational therapy for elderly patients.
86. Approaches for restoring daily living skills after hand injuries.
87. Occupational therapy for arthritis patients.
88. Features of occupational therapy for spinal injury patients.
89. Occupational therapy for multiple sclerosis patients.
90. Occupational therapy after spinal cord injury.
91. Occupational therapy for limb amputation patients.
92. Principles of occupational therapy after stroke.
93. Criteria for effectiveness of occupational therapy.
94. Occupational therapy for patients with motor impairments.
95. Principles of occupational therapy for sensory disorders.
96. Assistive rehabilitation devices.
97. Most important factor in occupational therapy for post-stroke speech disorders.
98. Rehabilitation features for spinal injury patients.
99. Factors improving occupational therapy effectiveness.
100. Types of technical rehabilitation aids.

### **3.7 Results of the entrance examination**

Minimum passing score – 50;

maximum score – 100.


The passing score is determined by the Admissions Committee depending on the number of submitted applications.

Duration of the examination – 1 hour 40 minutes (1 minute per test question).

Total number of questions – 100.

Each question has one correct answer.

Each correct answer is worth 1 point.

 <small>ASTANA MEDICAL UNIVERSITY</small>	<b>NCJSC “Astana Medical University”</b>	Стр 7 из 8
	<b>Entrance Examination Program</b>	

Appendix 1

To the Chairperson of the Board – Rector of  
NCJSC “Astana Medical University”

From \_\_\_\_\_  
full name

\_\_\_\_\_ residential address

\_\_\_\_\_ mobile phone number

\_\_\_\_\_ Home phone number

E-mail: \_\_\_\_\_

\_\_\_\_\_ ID number, date of issue, issuing authority

**APPLICATION**

I hereby request permission to take the entrance examination in the form of \_\_\_\_\_  
\_\_\_\_\_ for the educational program \_\_\_\_\_.

The following documents are attached to this application:

- 1) Educational document (original);
- 2) Six photographs sized 3 × 4 cm;
- 3) Identity document (original and copy);
- 4) Medical certificate in Form 075/u;
- 5) Extract confirming completion of the psychometric examination;
- 6) Employment record book.

I hereby give my consent to the collection, processing, and dissemination of personal information related to the examination results.

Signature/Date \_\_\_\_\_

