



NCJSC "Astana medical university"

EP-AMU-23
Ed. No.2

*Educational program in the specialty
8D10101 – Nursing Science*

**Recommended for approval by the
decision of the Academic Council
NCJSC "Astana medical
university"
dated June 30, 2025, No. 6**

**Approved:
by the decision of the Board of Directors
NCJSC "Astana medical university"
dated August 8, 2025, protocol №. 9**



Appendix №. 89
to the decision of the absentee meeting
of the Board of Directors
NCJSC "Astana medical university"
dated August 8, 2025, protocol №. 9

Educational program

8D10101 – «Nursing Science»

1. PASSPORT OF THE EDUCATIONAL PROGRAM

Qualification level in the national qualifications framework	VIII
Higher education profile	Doctoral program
Code of the educational program	8D10101
Name of the educational program	Nursing Science
Duration of the program	2025-2028
Mission of the educational program	<p>Training of competitive scientific and pedagogical personnel in the field of nursing with a high level of professional competence and research skills.</p> <p><i>Reviewed, discussed, and approved at the Department of Nursing. Protocol No. 1, dated August 27, 2022.</i></p>
Goal of the educational program	Provision of educational services in the field of nursing, contributing to the formation of competencies in accordance with the National Postgraduate Education Standard, using innovative practice-oriented educational technologies and applied scientific research.
Accreditation and certification of the EP	Certificate of the non-profit institution "Independent Accreditation and Rating Agency" No.AB 4116 dated June 9, 2020.
Requirements for the preceding level of education for individuals wishing to pursue the educational program	<p>Master's program in the following specialties: 7M110100 – "Medicine", 7M110200 – "Public Health", 7M110300 – "Nursing", 7M110400 – "Pharmacy", 7M110500 – "Medical Prevention", 7M110600 – "Healthcare Management".</p> <p>Also, in accordance with the Order of the Minister of Science and Higher Education of the Republic of Kazakhstan dated July 20, 2022, No. 2 (registered with the Ministry of Justice of the Republic of Kazakhstan on July 27, 2022, No. 28916) – master's program in the following specialties: 7M10116 – "Public Health", 7M10121 – "Healthcare Management", 7M10112 – "Pharmacy".</p>
Qualification characteristics of the graduate	
Degree awarded	Doctor of Philosophy (PhD)
Field of professional activity	Administrative and managerial (specialists in healthcare management bodies and administrative personnel of healthcare organizations); research (employees of scientific organizations); analytical (employees of information and analytical centers); expert-consulting (experts and consultants in healthcare and social security organizations).
Object of professional activity	Higher and postgraduate education institutions; scientific organizations; healthcare management authorities; healthcare and social security organizations.



Functions of professional activity

A PhD holder possesses competencies in scientific and pedagogical activities and, during the study of specialized disciplines, develops qualities that positively influence the outcomes of their future professional activities.

2. GRADUATE COMPETENCIES AND LEARNING OUTCOMES

General Competencies

No	General competencies	No C	The results (outcomes) of the educational program the graduates will be able to:
1		LO-1	Demonstrate a systematic understanding of the healthcare field in their area of qualification, possessing research skills and methods used in this area
		LO-2	Able to determine the reliability of research quality in terms of design, methodology selection, research techniques, analysis, and resource usage
		LO-3	Able to critically assess and use modern pedagogical strategies based on educational theory and empirical data in teaching methods
		LO-4	Able to integrate various functional aspects of management based on knowledge of theory, modern research, and practical requirements

Special Competencies

No	Special competencies	No C	The results (outcomes) of the educational program the graduates will be able to:
1		LO-5	Able to acquire new knowledge and applied skills in research, professional, and pedagogical activities
		LO-6	Generate ideas, predict the results of innovative activities, and contribute to progress in academic and professional contexts in technological, social, or cultural development of society based on knowledge
		LO-7	Demonstrates knowledge of organizational structures, mechanisms of interaction with stakeholders, and working principles in external contexts in the long term
		LO-8	Able to communicate on topics in their field of expertise with peers, a wide scientific community, and society.

4. CURRICULUM AND STUDENT ACADEMIC ACHIEVEMENT ASSESSMENT

A) Curriculum

№	Course cycle	Course code	Module / Course name	Credits		Number of hours			FC Form			Number of credits per course					
				KZ	ECTS	Total hours	Classroom	Non-classroom	SE	Exam	D.credit	I	II	III	IV	V	
	CS		Core subjects	30	30												
	CS UC		University component	25	25							25					
1	CS UC	ThNS 1201	Theories of Nursing Science	5	5	150	75	75		+		5					
2	CS UC	CRN 1202	Clinical research in nursing	5	5	150	75	75		+		5					
3	CS UC	RNE 1203	Research in Nursing Education	5	5	150	75	75		+		5					
4	CS UC	EBNE 1204	Evidence-Based Nursing Practice	5	5	150	75	75		+		5					
5	CS UC	PP 1205	Pedagogical practice	5	5	150	150					5					
6	CS EC		Elective component	5	5	150	75	75		+			5				
	PS		Profile subjects	15	15												
	PS UC		University component	10	10							5	5				
7	PS UC	AQQMNS 1306	Advanced Qualitative and Quantitative Methods in Nursing Science	5	5	150	75	75		+		5					
8	PS UC	RP 2310	Research practice	5	5	150	150						5				
9	PS EC		Elective component	5	5	150	75	75		+			5				
10	RW	RW 1(2,3)401	Research work	123	123	3690	3690					30	45	48			
	FA		Final assessment	12	12											12	
			TOTAL	180	180							60	60	60			



B) Curriculum and Assessment of Doctoral Student's Academic Achievements in Courses

№	Course cycle	Course code	Module / Course name	Departments	Form of control			Number of credits	ECTS	Total hours	Total classroom hours	Total non-classroom	Lectures	Practice	IWST	IWS	year		Type of final assessment (FAG)
					SE	Exam	D/credit										1st year	2nd year	
	CS		Core subjects					30	30	900									
	CS UC		University component					25	25	750									
1	CS UC		Theories of Nursing Science	Department of Nursing		+		5	5	150	75	75		50	25	75			exam
2	CS UC		Clinical research in nursing	Department of General Medical Practice with a course in evidence-based medicine		+		5	5	150	75	75		50	25	75			exam
3	CS UC		Research in Nursing Education	Department of Nursing		+		5	5	150	75	75		50	25	75			exam
4	CS UC		Evidence-Based Nursing Practice	Department of General Medical Practice with a course in evidence-based medicine		+		5	5	150	75	75		50	25	75			exam
5	CS UC		Pedagogical practice	Department of General Medical Practice with a course in evidence-based medicine / Department of Nursing				5	5	150	150								
	CS EC		Elective component					5	5	150									
6	CS EC		Elective component according to the elective course catalog (selected based on the specialization and updated annually)	According to the selected elective courses		+		5	5	150	75	75		50	25	75			exam

