

ОҢТҮСТІК ҚАЗАҚСТАН  
MEDISINA  
AKADEMIASY  
«Оңтүстік Қазақстан медицина академиясы» АҚ



SOUTH KAZAKHSTAN  
MEDICAL  
ACADEMY  
АО «Южно-Казakhstanская медицинская академия»



APPROVED  
Rector  
JSC «SKMA»  
Doctor of Medical Sciences,  
Professor A.M. Rysbekov

20 22 y.

## EDUCATIONAL PROGRAM

Educational program code: 7M10103  
Name of the educational program: Nursing  
Level of the educational program: Master

Shymkent, 2022 y.

**The educational program was developed by the members of the CEP:**

Head of the Department of Emergency Medical Care and Nursing, Doctor of Medical Sciences, Associate Professor

Seydakhmetova A. A. 

**Agreed with the employer:**

Senior Nurse of the City Clinical Hospital No. 1

Meymasheva G. B. 

Republican Public Association Specialists of Nursing «Paryz»

Kuanyshbaeva A. 

Chief Nurse of the Regional Clinical Hospital

Muratbekova K. A. 

**Chairman of the CEP «Nursing»**

Protocol № 7 08 08 2022 y.

Seidakhmetova A. A. 

**Approved by the Scientific Council**

Vice-Rector by SCW

Protocol № 5a 08 08 2022 y.

Nurmashov B. K. 

**Approved by the Academic Council**

Protocol № 15 08 08 2022 y.



ОҢТҮСТІК ҚАЗАҚСТАН <b>MEDISINA</b> <b>АКАДЕМИАСЫ</b> «Оңтүстік Қазақстан медицина академиясы» АҚ		SOUTH KAZAKHSTAN <b>MEDICAL</b> <b>ACADEMY</b> АО «Южно-Казахстанская медицинская академия»
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## Passport of the educational program

**1. Mission of the educational program:** Training of nursing professionals with fundamental knowledge, professional competencies and management skills, capable of promoting advanced nursing practices

**2. Purpose of the educational program:** Training of Masters of Nursing with fundamental knowledge, professional competencies and managerial skills based on experimental research work in the field of nursing.

**3. The basis of the educational program:** Demand in the labor market: the educational program is focused on nursing specialists who are able to conduct scientific research and implement organizational and managerial technologies to solve complex problems of protecting public health and developing an effective healthcare system in Kazakhstan.

**4. Professional standard on the basis of which the educational program has been developed:**

*Regulatory documents for the development of an educational program*

- Order of the Minister of Science and Higher Education of the Republic of Kazakhstan «On Approval of State Compulsory Standards of Higher and Postgraduate Education» dated July 20, 2022 No. 2. Order of the Minister of Science and Higher Education of the Republic of Kazakhstan «On Approval of State Compulsory Standards of Higher and Postgraduate Education» dated July 20, 2022 No. 2.

- Order of the Minister of Health of the Republic of Kazakhstan «On Approval of State Compulsory Standards for the Levels of Education in the Field of Healthcare» dated July 4, 2022 No. KR DSM-63.

- Order of the Minister of Education and Science of the Republic of Kazakhstan «On Approval of the Rules for the Organization of the Educational Process on Credit Technology of Training in Higher and (or) Postgraduate Education Organizations» dated April 20, 2011 No. 152.

- Law of the Republic of Kazakhstan «On Education» dated July 27, 2007 No. 319-III (as amended on 04.07.2022).

- Order of the Minister of Education and Science of the Republic of Kazakhstan «On Approval of the Model Rules for the Activities of Higher and Postgraduate Education Organizations» dated October 30, 2018 No. 595 (as amended on 29.12.2021).

- «Regulations on the Procedure and Procedures for the Development of Educational Programs» of JSC «SKMA» dated 29.05.2019.

- Internal regulatory documents of JSC «SKMA».

**5. The field of professional activity:** Health care organizers; heads of state and non-state medical and non-medical institutions.

**6. The object of professional activity:** Health care management organizations, health care and social security organizations, organization of higher and postgraduate education; organization of science.

*Types of professional activity:*

- organizational and managerial;
- scientific and research activities.

### General information

№	Characteristics of the EP	Data
1	Registration Number	7M10100147
2	Code and classification of the field of education	7M10 Health care
3	Code and classification of the field of study	7M101 Health care
4	Group of Educational Programs	M141 Nursing
5	Code, name of the educational program	7M10103 Nursing
6	Type of EP	Current EP
7	ISCED level	7
8	NQF level	7
9	IQF Level	7
10	Distinctive features of the EP	No
	Partner University (JEP)	-
	Partner University (DDEP)	-
11	List of competencies	Key competencies of the graduate of the program



		<p><b>KC1 Professional:</b> Demonstrates adaptation to professional ethics and confidentiality principles.</p> <p><b>KC2 Interoperability:</b> Able to communicate effectively.</p> <p><b>KC3 Scientific Approach and Evidence-Based Nursing Practice:</b> Plans and conducts research in nursing.</p> <p><b>KC4 Health Promotion: Self-Care of Habits and Strategies to Promote Healthy Lifestyles. Clinical Nursing:</b> Providing centralized, safe patient care.</p>
12	Learning Outcomes	<p><b>LO1</b> He is able to acquire new knowledge and skills of an applied nature in experimental work and professional activity in nursing.</p> <p><b>LO2</b> Engaged in professional growth, demonstrates the skills of introspection.</p> <p><b>LO3</b> He is able to solve problems in nursing within the framework of his qualifications on the basis of scientific approaches.</p> <p><b>LO4</b> Demonstrates knowledge and understanding of the interdisciplinary nature of experimental work in nursing.</p> <p><b>LO5</b> Uses scientific information to develop nursing and introduce new approaches as part of their qualifications.</p> <p><b>LO6</b> Plans professional activities in nursing, based on modern achievements of science and practice.</p> <p><b>LO7</b> Clearly and unambiguously communicates information, ideas, conclusions, problems and solutions, both to specialists and non-specialists in their field of qualification in nursing.</p>
13	Form of study	In-person
14	Language of instruction	Kazakh, Russian
15	Amount of loans	60
16	Degree Awarded	Master of public health in the educational program 7M10103 «Nursing»
17	Duration of training	1 year

18	Availability of an appendix to the license for the direction of personnel training	KZ36LAA00011387 (018)
19	Availability of EP accreditation	Yes
	Name of accreditation body	Independent Agency for Accreditation and Rating (IAAR)
	Accreditation Certificate No., Accreditation Validity Period	№AB 3991, 10.06.2022 y. – 09.06.2025 y.
20	Information about disciplines	Annex 1.2



*Annex 1*

**Matrix of correlation of learning outcomes in the educational program as a whole  
with the competencies being formed**

	<b>LO1</b>	<b>LO2</b>	<b>LO3</b>	<b>LO4</b>	<b>LO5</b>	<b>LO6</b>	<b>LO7</b>
KC1							
KC2							
KC3							
KC4							

*Annex 1.2*

### Matrix of achievability of competencies/learning outcomes

№	Name of the discipline	A brief description of the discipline	Cycle (BD, PD)	Component (UC, OC)	Number of credits	Generated LO (codes)
<b>The cycle of basic disciplines</b>					<b>10</b>	
<b>Mandatory / University component</b>					<b>6</b>	
1	Management	Introduction to management: basic concepts. Functions, principles and elements of the management process. The evolution of management: the conditions and prerequisites for the emergence of management, school management. Features of Kazakhstan management. Integration processes in management. Management systems: functions and organizational structures. Planning, SWOT-analysis and forecasting in management. Management processes: goal-setting and assessment of the situation, making management decisions. Management mechanism.	BD	UC	2	LO5 LO6
2	Foreign language (professional)	Purpose of discipline: allows to develop communication skills in a foreign language, intercultural competencies and business correspondence skills. The main types reading original sources of foreign-language, preparation of written reports on scientific topics by specialty. Listen to lectures, messages containing professional information.	BD	UC	2	LO3 LO4 LO7



3	Psychology of management	Purpose of discipline: use knowledge of the basic provisions psychology of management. Approaches and principles of psychological science in professional work. Presentation of conclusions in the field of theoretical and practical psychology of management; scientific and theoretical worldviews on fundamental psychological concepts. Analysis of management processes. Application of the received knowledge in practice in management activities.	BD	UC	2	LO3 LO6
<b>Optional Component (Module on Modern Aspects of Nursing)</b>					<b>4</b>	
4	Mental health in nursing	State social policy of the Republic of Kazakhstan. The concept of social and medical work in Kazakhstan. Legal and regulatory framework of social and medical work. Risk factors for health disorders. Provision of medical and social assistance to the family and its individual members. Social work in psychiatry, narcology, Oncology, geriatrics and other fields of medicine. Medical and social patronage. The importance of innovation in medical and social work.	BD	OC	4	LO3 LO5 LO6 LO7
5	Legal problems in nurse business	Professional and legal regulation of nursing practice. Accreditation. Certification. Licensing and registration. Certification. Crimes and torts. Intentional torts. Indicators. Consent based on receipt of information. Forms of information consent. Unintentional misdemeanors. Legal protection of nurses. Contracts. Professional insurance. Competent practice.	BD	OC	4	LO1 LO3

6	Emergency conditions: BLS, ACLS, PALS	Basic resuscitation – Basis Life Support, Advanced cardiopulmonary resuscitation – Advanced Cardiac Life Support. Advanced CPR in Pediatrics – Pediatric Advanced Life Support. Recommendations of the European Council for resuscitation 2010. Fundamentals of clinical diagnosis of terminal conditions. Primary and secondary assessment of the patient, the victim. Closed heart massage. Reception Of Safar. Methods of defibrillation of the heart. Intubation of the trachea.	BD	OC	4	LO2 LO3 LO6 LO7
<b>Cycle of profile disciplines</b>					<b>25</b>	
<b>University component (General professional module)</b>					<b>5</b>	
7	Information and communication technologies and digitalization in health and nursing	Modern aspects of Informatization of medicine and nursing: information technology (it), classification of information systems of health facilities; medical arm And integrated MIS; definition, objectives, basic concepts of medical information resources; information and telecommunication technologies and Internet resources for medicine and nursing; basics of telemedicine, information security.	PD	UC	3	LO2 LO4
8	The modern paradigm of nursing	Evolution of nursing knowledge. Scientific theories and models of nursing. Reforms in nursing. Background and implementation of the reforms of nursing in the Republic of Kazakhstan at the present stage. Model of development of nursing service and nursing education in Kazakhstan. Nurse doctor partner, patient assistant. Nurse is a partner of a doctor, a patient assistant.	PD	UC	2	LO3 LO5

9	Industrial practice	Consolidation of theoretical knowledge acquired during the training process, acquisition of practical skills, competencies and experience in professional activities in public health, as well as development of best practices.	PD	UC	10	LO1
<b>Optional Component (Module on Modern Aspects of Nursing-2)</b>					<b>10</b>	
10	Quality management of delivery of health care	Quality management system. The main functions of quality management. Categories, types, methods of nursing care quality management. Factors affecting the quality of nursing care. Criteria for assessing the quality of nursing care. The main ways and directions of improving the quality of nursing care. Quality management of current processes at the level of nurses. Expert assessment of the quality of nurses work.	PD	OC	5	LO3 LO6
11	Qualitative research in nursing	Philosophical foundations of qualitative approaches in nursing research. Data collection method. Methods of data analysis. Documentation of the qualitative research report. Reliability of qualitative research. Research ethics in qualitative research. Decision making based on experimental research work.	PD	OC	5	LO4 LO7
12	Health promotion Nursing profession in the health care system of the Republic of Kazakhstan	Theoretical bases of health promotion and promotion of healthy lifestyle. Principles of organization of preventive health promotion programs. The concept of health promotion and disease prevention. National and international programs and recommendations for managing the promotion of healthy lifestyles and health promotion. A step-by-step model of health behaviour change and individual and group counselling.	PD	OC	5	LO3 LO5 LO7

13	Nursing Development Project	Purpose, objectives and objects of the project in the field of health care and nursing. Design and project methods. The structure of the scientific project, description of the stages of the scientific project. Data collection and analysis. Ethical Issues in Nursing Science Projects. Project management.	PD	OC	5	LO1 LO3 LO4
<b>Experimental research work</b>					<b>13</b>	
14	Experimental research work of a student, including an internship and the implementation of a master's project	It is based on modern achievements of science, technology and production and contains specific practical recommendations and independent solutions to management problems. Performed using advanced information technologies; Contains experimental and research (methodological, practical) sections.			13	LO1 LO2 LO3 LO4 LO5 LO6 LO7
<b>Final examination</b>						
15	Design and defense of a master's project	Assessment of core competencies and learning outcomes achieved after completing the Master's degree program.			12	LO1 LO2 LO3 LO4 LO5 LO6 LO7
<b>TOTAL</b>					<b>60</b>	

*Annex 1.3*

**A matrix for achieving LO using various learning methods**

<b>LO</b>	<b>Teaching and learning methods</b>	
LO1 He is able to acquire new knowledge and skills of an applied nature in experimental work and professional activity in nursing.	Analysis of the material, feedback from the undergraduate	Discussion, group work
LO2 Engaged in professional growth, demonstrates the skills of introspection.	A reflective diary	Maintaining medical records
LO3 He is able to solve problems in nursing within the framework of his qualifications on the basis of scientific approaches.	Working in small groups, feedback	естный опрос
LO4 Demonstrates knowledge and understanding of the interdisciplinary nature of experimental work in nursing.	«Magazine Club»	Writing theses, articles Public appearances
LO5 Uses scientific information to develop nursing and introduce new approaches as part of their qualifications.	Participation in the discussion, answers to questions	Solving situational problems, oral interview
LO6 Plans professional activities in nursing, based on modern achievements of science and practice.	Participation in the discussion, answers to questions	Solving situational problems
LO7 Clearly and unambiguously communicates information, ideas, conclusions, problems and solutions, both to specialists and non-specialists in their field of qualification in nursing.	Analysis of the material, feedback	Solving situational problems, oral interview

*Annex 1.4*

### The matrix of compliance of LO with assessment methods

LO	Assessment methods	
LO1 He is able to acquire new knowledge and skills of an applied nature in experimental work and professional activity in nursing.	Portfolio	Oral interview
LO2 Engaged in professional growth, demonstrates the skills of introspection.	Preparation and protection of the report	Oral response, oral survey
LO3 He is able to solve problems in nursing within the framework of his qualifications on the basis of scientific approaches.	Presentation of the topic	Testing Oral interview
LO4 Demonstrates knowledge and understanding of the interdisciplinary nature of experimental work in nursing.	Self-assessment	Publications
LO5 Uses scientific information to develop nursing and introduce new approaches as part of their qualifications.	Preparation and provision of information at the appropriate level	Essay (short and long)
LO6 Plans professional activities in nursing, based on modern achievements of science and practice.	Summary/presentation	Publications
LO7 Clearly and unambiguously communicates information, ideas, conclusions, problems and solutions, both to specialists and non-specialists in their field of qualification in nursing.	Preparation of test and situational tasks	Oral response, oral survey

### Work plan for the entire period of study

The cycle of disciplines		Discipline code	Name of the discipline	Amount of credits	General hours	Practical lesson	IWM		1 year of study	Form of control
							IWMT	IWM		
1	2	3	4	5	6	7	8	9	10	11
<b>BD</b>	<b>UC/OC</b>	<b>BASIC DISCIPLINES</b>		<b>10</b>	<b>300</b>	<b>100</b>	<b>60</b>	<b>140</b>	<b>10</b>	
BD	UC	<b>University component (Interdisciplinary module)</b>		<b>6</b>	<b>180</b>	<b>60</b>	<b>36</b>	<b>84</b>	<b>6</b>	
		M-Mened	Management	2	60	20	12	28	2	Exam
		M-FL	Foreign language (professional)	2	60	20	12	28	2	Exam
		M-PsM	Psychology of management	2	60	20	12	28	2	Exam
	OC	<b>1) Optional Component (Health Organization Management Module)</b>		<b>4</b>	<b>120</b>	<b>40</b>	<b>24</b>	<b>56</b>	<b>4</b>	
		M-MHN (prof)	Mental health in nursing	4	120	40	24	56	4	Exam
		M-LPNB (prof)	Legal problems in nurse business	4	120	40	24	56	4	Exam
		M-EmCd (prof)	Emergency conditions: BLS, ACLS, PALS	4	120	40	24	56	4	Exam
<b>PD</b>	<b>UC/OC</b>	<b>PROFILE DISCIPLINES</b>		<b>25</b>	<b>750</b>	<b>250</b>	<b>150</b>	<b>350</b>	<b>25</b>	
PD	UC	<b>University component (General professional module)</b>		<b>5</b>	<b>150</b>	<b>50</b>	<b>30</b>	<b>70</b>	<b>5</b>	
		M-ICTDHN (prof)	Information and communication technologies and digitalization in health and nursing	3	90	30	18	42	3	Exam
		M-MPN (prof)	The modern paradigm of nursing	2	60	20	12	28	2	Exam
	<b>IP</b>	<b>Industrial practice</b>		<b>10</b>	<b>300</b>	<b>100</b>	<b>60</b>	<b>140</b>	<b>10</b>	<b>Report</b>

		<b>1) Optional Component (Module on Management of Healthcare organizations-2)</b>	<b>10</b>	<b>300</b>	<b>100</b>	<b>60</b>	<b>140</b>	<b>10</b>		
	OC	M-UKOMP (prof)	Quality management of delivery of health care	5	150	50	30	70	5	Exam
		M-QRN (prof)	Qualitative research in nursing	5	150	50	30	70	5	Exam
		M-HPNPRK(prof)	Health promotion Nursing profession in the health care system of the Republic of Kazakhstan	5	150	50	30	70	5	Exam
		M-NDP (prof)	Nursing Development Project	5	150	50	30	70	5	Exam
<b>ERW</b>		<b>EXPERIMENTAL RESEARCH WORK</b>	<b>13</b>	<b>390</b>	<b>130</b>	<b>260</b>	<b>13</b>			
ERWS		Experimental research work of a student, including an internship and the implementation of a master's project	5	150	50	100	5	Report		
			8	240	80	160	8			
<b>FE</b>		<b>FINAL EXAMINATION</b>	<b>12</b>	<b>360</b>	<b>120</b>	<b>240</b>	<b>12</b>			
DDMP		Design and defense of a master's project	12	360	120	240	12			
<b>TOTAL</b>			<b>60</b>	<b>1800</b>	<b>600</b>	<b>1200</b>	<b>60</b>			