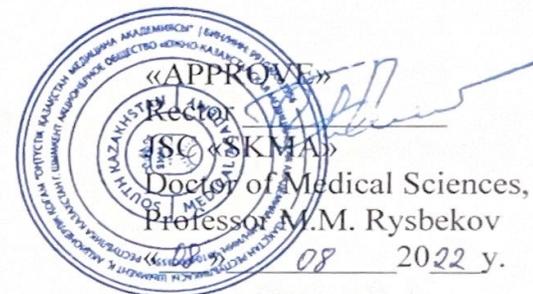


ОҢТҮСТІК ҚАЗАҚСТАН
MEDISINA
AKADEMIASY
«Оңтүстік Қазақстан медицина академиясы» АҚ



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



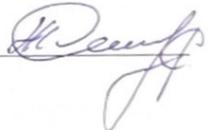
EDUCATIONAL PROGRAM

Educational program code: 7M10102
Name of the educational program: Public Health
Level of the educational program: Master

Shymkent, 2022 y.

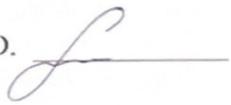
The educational program was developed by the members of the CEP:

Head of the Department of Social Health Insurance and Public Health, Ph.D.,
Associate Professor

Sarsenbaeva G. Zh. 

Agreed with employers:

General Director of «Mediker SK» LLP

Pozilov B. D. 

Deputy Head of the Department of Sanitary and Epidemiological Control of
Shymkent

Akhmetov A. R. 

Deputy Chief Physician of the Mental Health Center of the Shymkent City Health
Care Institution

Erezhepov E. V. 

Head of the Association of Private Clinics of the South Kazakhstan Region»

Timoshenko M. G. 

Chairman of the CEP «Public Health»

Protocol № 10 24 06 2022 y.

Sarsenbaeva G. Zh. 

Approved by the Scientific Council

Vice-Rector by SCW
Protocol № 5a 08 08 2022 y.

Nurmashev B. K. 

Approved by the Academic Council

Protocol № 15 08 08 2022 y.



ОҢТҮСТІК ҚАЗАҚСТАН MEDISINA AKADEMIASY «Оңтүстік Қазақстан медицина академиясы» АҚ		SOUTH KAZAKHSTAN MEDICAL ACADEMY АО «Южно-Казахстанская медицинская академия»
«Public health» educational programme committee		044-
Educational program		Page 3 of 16

Passport of the educational program

1. Mission of the educational program: Development of measures to protect and promote the health of the population, training of highly qualified specialists with management skills in the field of public health, able to implement them in practice and evaluate their effectiveness

2. The purpose of the educational program: To train highly qualified specialists in the field of public health with the skills of management, development of measures to preserve and promote the health of the population, their implementation in practice and evaluation of their effectiveness.

3. The basis of the educational program: Demand in the labor market: the educational program is focused on healthcare professionals 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 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. Health care organizers; heads of state and non-state medical and non-medical institutions.

6. The object of professional activity: Healthcare management organizations, healthcare and social security organizations, organizations of higher and postgraduate education; organizations of science.

Types of professional activity:

- organizational and managerial;
- research activities.

General information

№	Characteristics of the EP	Data
1	Registration Number	7M10100139
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	M140 Public Health
5	Code, name of the educational program	7M10102 Public Health
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>KC1 Public health methods.</p> <p>KC2 Population health and its physical, radiological, chemical and biological-environmental determinants.</p> <p>KC3 Health promotion: health education, health protection and disease prevention.</p> <p>KC4 Ethics.</p>
12	Learning Outcomes	<p>LO1 Engaged in professional development in the public health and healthcare system, demonstrates the skills of introspection.</p> <p>LO2 Clearly and unambiguously communicates information, ideas, conclusions, problems and solutions, both to specialists and non-specialists in their field of public health qualifications.</p> <p>LO3 Is able to solve public health problems within the framework of their qualifications based on scientific approaches.</p> <p>LO4 Is able to acquire new knowledge and skills of an applied nature in experimental work and professional activities in the field of health care organization.</p> <p>LO5 Demonstrates knowledge and understanding of the interdisciplinary nature of experimental work in the field of public health.</p> <p>LO6 Uses scientific information to develop the field of public health and introduce new approaches within the framework of their qualifications.</p> <p>LO7 Plans professional activities in its field of public health qualifications, based on the latest achievements of science and practice.</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 7M10102 «Public health»

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
	Availability of EP accreditation	Independent Agency for Accreditation and Rating (IAAR)
	Accreditation Certificate No., Accreditation Validity Period	№AB 3990, 10.06.2022 y. – 09.06.2027 y.
20	Information about disciplines	Annex 1.2

Annex 1

**The matrix of correlation of learning outcomes according to the educational program as a whole
with the competencies being formed**

	LO1	LO2	LO3	LO4	LO5	LO6	LO7
KC1							
KC2							
KC3							
KC4							

Annex 1.2

Competency attainability/learning outcomes matrix

№	Name of the discipline	A brief description of the discipline	Cycle (BD, PD)	Component (UC, OC)	Number of credits	Generated LO (Codes)
The cycle of basic disciplines					10	
Mandatory / University component					6	
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	LO3 LO4
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	BD	UC	2	LO5 LO6

		to lectures, messages containing professional information.				
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	LO2 LO3
Optional Component (Module on Management of healthcare organizations)					4	
4	Information Technology in Public Health	Introduction to e-government. Conditions for the formation of e-government in the Republic of Kazakhstan. The concept of creating a unified health information system. Automation of medical institutions. Electronic database of all patients, electronic queues. Automation of the preparation of prescriptions, appointments, sick leaves. Creation of unified information networks. KIIS. Medical systems for organizing doctors' office work and processing medical statistics. Hospital information systems.	BD	OC	4	LO4 LO5
5	Risk management in the healthcare system	Risk management (risk management). Risk groups in the healthcare system: socio-political; management-related risks; professional (medical) risks. Risk analysis: risk identification and risk assessment. Risk management	BD	OC	4	LO1 LO2

		processes: determination of the goal; identification of the risk; selection of risk management methods; implementation of risk management; evaluation of results.				
Cycle of profile disciplines					25	
University component (General professional module)					5	
6	Introduction to public Health science	Public health as a science of organizational, economic and legal problems of medicine and health care. Introduction to the science of public health. Public health indicators. Factors that determine the health of the population. Medical statistics. Collection of statistical data on public health, their analysis and management decisions based on the analysis.	PD	UC	3	LO3 LO7
7	Health problems of socially vulnerable population	Health problems of socially unprotected population. Social structure and public health among the socially vulnerable population. Study of the health of socially vulnerable population taking into account the factors of social structure. Social adaptation and health among the socially vulnerable population. The impact of social stress on the human body. Persons with disabilities: position in society, biosocial potential.	PD	UC	2	LO6 LO7
8	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	LO4 LO5
Optional Component (Module on Management of healthcare organizations-2)					10	

9	Strategic and operational management in healthcare	Hierarchies of strategic management. Object, subject and essence of strategic management. Planning a strategy. Features of strategic leadership in the health care system. The right of operational management. Organization of the current activities of a medical organization. Analysis, coordination and control of the activities of a medical organization. Decision making process.	PD	OC	5	LO1 LO2
10	Health Management and Disease Prevention	Health policy of the Republic of Kazakhstan in the field of health promotion at the present stage. Organization and management of health promotion services. Etiological factors that determine health. The main indicators of public health. Preventive examinations. Prevention of infectious and non-infectious diseases. Prevention of the primary and secondary level. WHO programs in the field of health protection and promotion.	PD	OC	5	LO3 LO7
11	Features of financing of social actions in the conditions of Obligatory social health insurance	Type of insurance. Concept, goals. The new tariff policy and pricing in the conditions of OMS. Assessment of financial stability of the medical organization (PHC, hospital). Analysis of the medical organization. Assessment of the quality of medical services in CHI.	PD	OC	5	LO4 LO5
12	Decision making methods in healthcare	An introduction to qualitative and quantitative decision-making methods in healthcare management. Decision making in the management of the health care system. Application of forecasting methods. Decision making using statistical software. Location of medical facilities	PD	OC	5	LO2 LO5

		and their strategic planning. Performance measurement.				
		Experimental research work			13	
13	Experimental research work, including 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
		Final examination			12	
14	Registration and defense of a master's project	Assess core competencies and learning outcomes achieved upon completion of public health training.			12	LO1 LO2 LO3 LO4 LO5 LO6 LO7
		TOTAL			60	

A matrix for achieving LO using various learning methods

LO	Teaching and learning methods	
LO1 Engaged in professional development in the public health and healthcare system, demonstrates the skills of introspection.	Working in small groups, feedback from a graduate student	Writing theses, articles Public appearances
LO2 Clearly and unambiguously communicates information, ideas, conclusions, problems and solutions, both to specialists and non-specialists in their field of public health qualifications.	Participation in the discussion, answers to questions	Thematic discussions
LO3 Is able to solve public health problems within the framework of their qualifications based on scientific approaches.	Analysis of the material, feedback from the undergraduate	Writing theses, articles Public appearances
LO4 Is able to acquire new knowledge and skills of an applied nature in experimental work and professional activities in the field of health care organization.	Working in small groups	Solving situational problems
LO5 Demonstrates knowledge and understanding of the interdisciplinary nature of experimental work in the field of public health.	Drawing up diagrams, intelligence maps	Analysis, evaluation
LO6 Uses scientific information to develop the field of public health and introduce new approaches within the framework of their qualifications.	Analysis of the material, feedback from the undergraduate	Participation in seminars and conferences
LO7 Plans professional activities in its field of public health qualifications, based on the latest achievements of science and practice.	Mandatory internship	The round table

Annex 1.4

The matrix of compliance of learning outcomes with assessment methods

LO	Assessment methods	
LO1 Engaged in professional development in the public health and healthcare system, demonstrates the skills of introspection.	Preparation and protection of the report	Oral interview
LO2 Clearly and unambiguously communicates information, ideas, conclusions, problems and solutions, both to specialists and non-specialists in their field of public health qualifications.	Portfolio	Oral response, oral survey
LO3 Is able to solve public health problems within the framework of their qualifications based on scientific approaches.	Testing Oral interview	Preparation of test and situational tasks
LO4 Is able to acquire new knowledge and skills of an applied nature in experimental work and professional activities in the field of health care organization.	Self-assessment	Publications
LO5 Demonstrates knowledge and understanding of the interdisciplinary nature of experimental work in the field of public health.	Testing Oral interview	Essay (short and long)
LO6 Uses scientific information to develop the field of public health and introduce new approaches within the framework of their qualifications.	Summary/presentation	Publications
LO7 Plans professional activities in its field of public health qualifications, based on the latest achievements of science and practice.	Testing Oral interview	Summary/presentation



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
BD	UC/OC	BASIC DISCIPLINES		10	300	100	60	140	10	
BD	UC	University component (Interdisciplinary module)		6	180	60	36	84	6	
		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	1) Optional component (Module on Management of healthcare organizations)		4	120	40	24	56	4	
M-ITPH	Information Technology in Public Health	4	120	40	24	56	4	Exam		
PD	UC/OC	PROFILE DISCIPLINES		25	750	250	150	350	25	
PD	UC	University component (General professional module)		5	150	50	30	70	5	
		M-IPHS	Introduction to public Health science	3	90	30	18	42	3	Exam
		M-HPSVP	Health problems of socially vulnerable population	2	60	20	12	28	2	Exam
		IP	Industrial practice	10	300	100	60	140	10	Report
	OC	1) Optional component (Module on Management of healthcare organizations-2)		10	300	100	60	140	10	
M-SOMH	Strategic and operational management in healthcare	5	150	50	30	70	5	Exam		



	M-HMDP	Health Management and Disease Prevention	5	150	50	30	70	5	Exam
	M-MSHI	Features of financing social events in the context of Mandatory social health insurance	5	150	50	30	70	5	Exam
	M-DMMH	Decision making methods in healthcare	5	150	50	30	70	5	Exam
ERW	EXPERIMENTAL RESEARCH WORK		13	390	130	260		13	
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	
FE	FINAL EXAMINATION		12	360	120	240		12	
DDMP	Design and defense of a master's project		12	360	120	240		192	
TOTAL			60	1800	600	1200		60	