

Ministry of Science and Higher Education of the Republic of Kazakhstan

Karaganda university named after academician E.A.Buketov

«AGREED»

Director of KSU "Gymnasium named after M.Zhumabayev"
Zhalelov A.A.

«10» 04 2023y.



«AGREED»

Director of KSU SL №16
Iztuleuova S.D.

«13» 04 2023y.



«APPROVED BY»

Chairman of the Management Board – Rector
Karaganda State University named after
academician E.A.Buketov «___»
Doctor of Law Professor

Dulatbekov N.O.

«13» 04 2023y.



EDUCATIONAL PROGRAM

7M01402 - Initial military training

Level: Magistracy

Karaganda

2023

The educational program in the field of training "7M01402-Initial military training" was developed on the basis of:

- The Law of the Republic of Kazakhstan dated July 27, 2007 No. 319-III "On Education"
- The State mandatory standard of Higher Education dated August 31, 2018 No. 604
- The National Qualifications Framework of March 16, 2016 by the Republican Tripartite Commission on Social Partnership and Regulation of Social and Labor Relations.
- Professional standard "Teacher" (Appendix to the order of the Chairman of the Board of the National Chamber of Entrepreneurs of the Republic of Kazakhstan "Atameken" dated June 8, 2017 No. 133)
- Order of the Ministry of Education and Science of the Republic of Kazakhstan "On approval of the Rules of the educational process on credit technology" dated April 20, 2011 No. 152
- Law of the Republic of Kazakhstan No. 151-I of July 11, 1997. "On languages in the Republic of Kazakhstan"
- Classifier of training areas with higher and postgraduate education dated October 13, 2018 No. 569.



Content

№	Section names	Pages
1	Form 1. Passport of the educational program	3
2	Form 2. Code and name of the educational program	3
3	Form 3. Code and classification of the field of education, areas of training	3
4	Form 4. Group of educational programs	3
5	Form 5. Volume of credits	3
6	Form 6. Form of education	3
7	Form 7. Language of education	3
8	Form 8. Degree awarded	3
9	Form 9. Type of OP	3
10	Form 10. ISCED level	3
11	Form 11. The level of the NRK	3
12	Form 12. ORC level	3
13	Form 13. Distinctive features EP	3
	Partner University (СОП)	3
	Partner University (ДПО)	3
14	Form 14. The number of the appendix to the license for the direction of training	3
15	Form 15. The name of the accreditation body and the validity period of the accreditation EP	3
16	Form 16. The purpose of the educational program	3
17	Form 17. Qualification characteristics of the graduate	3
a)	List of graduate positions	3
b)	Scope and objects of professional activity of the graduate	3
v)	Types of professional activity of the graduate	3
q)	Functions of professional activity	3
18	Form 18. Formulation of learning outcomes based on competencies	4
19	Form 19. Determination of modules of disciplines in accordance with the results of training	5
20	Form 20. Matrix of achievability of learning outcomes	6
21	Form 21. Coordination of planned learning outcomes with teaching and evaluation methods	7
22	Form 22. Criteria for assessing the achievability of learning outcomes	10
23	Form 23. Graduate Model	11
		12

Passport of the educational program (hereinafter - LR)

№	Name of the parameter	Description
1	Code and name of the educational program	"7M01402 - Initial military training"
2	Code and classification of the field of education, areas of training	7M01-Pedagogical sciences, 7M014-Teacher training with a subject specialization of general development
3	Group of educational programs	M004-training of teachers of primary military training
4	Volume of credits	120 ECTS
5	Form of education	full-time
6	Language of instruction	Russian, Kazakh
7	Academic degree awarded	Master of Pedagogical Sciences in the educational program "7M01402- "Initial military training"
8	Type of OP	current
9	ISCED level	Level 7
10	The level of the NRK	level 7
11	ORC level	Level 7
12	Distinctive features of OP	no
13	Number of the appendix to the license for the direction of personnel training	KZ831AA00018495 dated 07/28/2020, No. 016
14	The name of the accreditation body and the validity period of the OP accreditation	NAOKO, IA No. 0086 dated 02.04.2018, the validity period of 02.04.2018 – 31.03.2023.
15	The purpose of the OP	Training of qualified and competitive specialists in the field of Basic military training, in demand by the domestic education system, motivated for educational, research, administrative activities in accordance with the professional standard of education.
16	Qualification characteristics of the graduate	<p>A) List of graduate positions</p> <ul style="list-style-type: none"> - teacher of primary military and technological training in secondary schools, boarding schools, gymnasiums and lyceums; - teacher of primary military training in primary and secondary vocational schools; - teacher in higher educational institutions; - specialist of the administrative body of education; - specialist of the administrative body of territorial defense; - specialist of the administrative management body in the field of defense; - specialist of the administrative body of the Department of Defense Affairs; - specialist of the administrative management body in the field of life safety. <p>B) The scope and objects of professional activity of the graduate</p> <ul style="list-style-type: none"> - educational institutions of secondary education: secondary schools, boarding schools; - gymnasiums and lyceums; - primary and secondary vocational educational institutions; - higher educational institutions; - administrative bodies of education. - administrative bodies of territorial defense; - administrative management bodies in the field of defense; - administrative management bodies in the field of life safety. <p>V) Types of professional activity:</p> <ul style="list-style-type: none"> - educational (pedagogical, educational); - research (modeling of education at school, design, creative search in solving educational problems,

study of innovative pedagogical experience, reflection);

Q) Functions of professional activity:

- educational – broadcasts educational information, teaches to acquire knowledge independently, constructs training sessions taking into account the linguistic needs and requests of students, uses new learning technologies, including ICT, etc.;
- educating – introduces students to the system of social values, observes pedagogical tact, rules of pedagogical ethics, shows respect for the personality of students, is guided by a democratic style in relations with students, builds the educational process taking into account the national priorities of Kazakhstan, develops linguistic competence and poly-culturality of the individual, etc.;
- methodical – provides methodological support of the educational process, is guided by the principles and methods of developing educational and program documentation and designing situational pedagogical tasks, determines methods and techniques of teaching and upbringing, develops general educational skills and skills of students, improves qualifications by implementing an individual professional development plan, etc.;
- research – is guided by scientific principles and methods of studying the educational environment and psychological and pedagogical monitoring of students' activities, uses the results of diagnostics of individual characteristics and abilities of students to identify their needs and difficulties in learning, as well as to increase their personal growth, etc.
- socio-communicative – guided by the knowledge of the psychology of communication when interacting with the professional community and stakeholders of education, uses methods of teamwork and professional cooperation within the framework of the policy of the organization of education, initiates innovative ideas that unite education stakeholders, etc.



Formulation of learning outcomes based on competencies

Type of competencies	Learning result code	Learning result (according to Bloom's taxonomy)
1. Behavioral skills and personal qualities: (Softskills)	LR1	He has the basic concepts and categories of the philosophy of science for setting and solving urgent problems in his own field of scientific research. He is able to orient himself in the theories of the historical development of scientific knowledge in order to develop relevant research directions in the field of his own scientific interests.
	LR 2	Is able to apply methodological and methodical knowledge in conducting scientific research, educational and educational work. It shows the basics of pedagogical skills and pedagogical technology, management in education, management of the process of formation and development of the personality of students.
	LR 3	Understands the main provisions and features of the activities of a military teacher in the field of organizational and managerial activities; studies ways and techniques to improve the effectiveness of the practical activities of a military teacher in the management field.
	LR 4	Speaks a foreign language to the extent necessary to obtain professional information from foreign sources and elementary communication at a general and professional level, applies business and professional vocabulary of a foreign language.
2. Digital competencies: (Digital skills):	LR 5	Applies the main models of technology commercialization, implements the results of R&D and technology commercialization.
	LR 6	Applies innovative thinking methods in professional activity, generalizes educational tasks in the study of the discipline.
3. Professional competencies: (Hardskills)	LR 7	Organizes and conducts high-quality classes on initial military training, has the skills to introduce modern innovative teaching methods into the educational process, ensures safety during classes.
	LR 8	Applies the basics of pedagogy, educational work for the organization of the educational and educational process in educational institutions, uses modern innovative teaching technologies in pedagogical and educational work, for involvement in research work.
	LR 9	Possesses basic knowledge and skills of pedagogical laws, a system of knowledge about the starting points of pedagogical theory, about the principles of approach to the consideration of pedagogical phenomena and methods of their research in initial military training.
	LR 10	Understands the tasks, essence and content of military pedagogy and psychology, principles, methods and forms of training, knows the basics of psychology of military personnel and military personnel.
	LR 11	He is able to independently conduct a comparative analysis of the degree of development of various branches of psychological and pedagogical knowledge, use research methods used in pedagogy. Has primary knowledge and skills of working in the main areas of activity in the field of pedagogical science.
	LR 12	Understands the role and importance of military-patriotic education of young people and preparation for service in the Armed Forces of the Republic of Kazakhstan. He has the skills of organizing military-patriotic education of young people with the participation of veterans and youth public organizations.

Determination of modules of disciplines in accordance with the results of training

Learning result code	Name of the module	Name of disciplines	Volume (ECTS)	
PO 1	Philosophical and historical aspects of social and humanitarian knowledge	History and philosophy of science	4	
PO 2		Higher school pedagogy	4	
PO 3		Management Psychology	4	
		Pedagogical practice	4	
PO 4	Professional languages	Foreign language (professional)	4	
		Foreign language for special purposes Professional foreign terminology in the field of initial military training	5	
		Theory and methodology of teaching basic military training	6	
PO 7	Methodological foundations and foundations of scientific research in initial military training	Educational work	6	
PO 8		Scientific and pedagogical research Statistical and experimental methods in initial military training	5	
PO 9		Methods of pedagogical research in initial military training Organization and methodology of the lesson on initial military training	5	
PO 10		Methods of teaching military pedagogy and psychology Psychological and pedagogical research methods	6	
PO 11		Methodological problems of pedagogical science Fundamentals of modern military robotics	6	
PO 12		Actual problems of patriotic education of youth Professional activity of a specialist in the field of initial military training	5	
PO 5		Innovative technologies in initial military training	Commercialization of the results of scientific and scientific-technical activities Methods of conducting military-historical research	5
PO 6			Innovative direction of development of the initial military training system Activation of the educational process of undergraduates by means of physical education	5
	Research work	Research practice	14	
	Research work	Research work of a master's student, including internship and completion of a master's thesis	24	
	Final attestation	Registration and defense of a master's thesis (RDMT)	8	

Matrix of achievability of learning outcomesDevelopers:

NN n/n	Name of disciplines	Brief description of the discipline (30-40 words)	Number of credits	Generated learning outcomes (codes)											
				PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
Cycle of basic disciplines University component															
D1	History and philosophy of science	It is studied with the aim of forming knowledge about the significance of scientific knowledge in its tendency to development and sociocultural profile. Questions about the philosophy, methodology of science, science as a cognitive activity and tradition are considered.	4	+											
D2	Pedagogy of higher education	Studied to form ideas about the modern paradigm of higher education and the theory of scientific activity in higher education. The issues of pedagogy, education of professionals-specialists, professional skills of teaching in educational organizations, pedagogical control and evaluation of knowledge in higher education are considered.	4		+										
D3	Management Psychology	It is studied with the aim of forming knowledge about the psychological laws of managerial activity, skills in analysis of socio-psychological principles, the characteristics of the psychology of management, the personal characteristics of the leader.	4			+									
D4	Foreign language (professional)	It is studied in order to form the skills of speaking, reading, writing and auditing for effective communication in situations of professional communication, writing texts in a specialty, oral bilateral translation in situations of professional communication.	4				+								
Cycle of basic disciplines Component of choice															
D5	Foreign language for special purposes	The course is taken for developing professional foreign language speech, which allows to implement various aspects of future specialist professional activity in order to improve professional competence. The course is designed to advance and improve productive and receptive language skills, as well as to develop foreign language practical skills in professional activities.	5				+								
	Professional foreign terminology in the field of initial military training	It is studied in order to form knowledge to increase the level of proficiency in professional foreign terminology, by mastering the necessary and sufficient level of terminological competence for solving professional tasks, the ability to conduct a conversation in professional foreign terminology in the field of initial military training.													
D6	Scientific and pedagogical research	The course is designed to study the methods of scientific and pedagogical research, the ability to work with scientific, methodological and special literature, diagnose the state of the educational process by its main characteristics and predict its further development, the introduction of modern innovative teaching technologies in the study of scientific and pedagogical research in initial military training.	5										+		

	Statistical and experimental methods in initial military training	It is studied in order to form knowledge of the theoretical foundations, forms and methods of conducting classes in the block of military disciplines, studying and mastering the basics of pedagogical skills, modern innovative technologies in education, drawing up plans and summaries for conducting classes, modern methodologies of statistical and experimental analysis.																			
D7	Methods of pedagogical research in initial military training	The course is designed to study the general basics of the methodology of pedagogical research in initial military training, the structure and classifications, criteria and forms of organizations, the principles of the methodology of pedagogical research in initial military training, the specifics of the methodology of pedagogical research in initial military training as a science.	5																		+
	Organization and methodology of the lesson on initial military training	It is studied in order to form knowledge of theories and methods of organizing the educational process of initial military training in educational institutions, tactical and technical characteristics of modern military robotics, information about modern armament of armored vehicles in service in the Armed Forces of the Republic of Kazakhstan and teaching methods.																			
Cycle of profile disciplines University component																					
D8	Theory and methodology of teaching basic military training	It is studied in order to form knowledge of the theoretical foundations, forms and methods of conducting classes in the block of military disciplines, studying and mastering the basics of pedagogical skills, modern innovative technologies in education, drawing up plans and summaries for conducting classes, tactical and technical characteristics of modern weapons and military equipment.	6																		+
D9	Educational work	The course is designed to study the theory and practice of educational work, the development of skills and abilities of educational work as a teacher-organizer of NVP in secondary schools, secondary specialized educational institutions and colleges.	6																		+
Cycle of profile disciplines Component of choice																					
D10	Methods of teaching military pedagogy and psychology	The course is designed to study the forms and methods of conducting classes in military pedagogy and psychology. The following issues are considered: psychology of the warrior's personality; mental processes and mental states of soldiers in the service and training environment; psychology of the military team; structure and essence of the psychology of the military team.	6																		+
	Methods of teaching military pedagogy and psychology	It is studied in order to form knowledge of the basic methods of performing psychological and pedagogical research, skills of studying psychological and pedagogical problems, analysis and introspection of the results of psychological and pedagogical research taking place in professional, research activities and in the process of training and education.																			
D11	Methodological problems of pedagogical science	The purpose of the course is to form knowledge of the general basics of the methodology of conducting classes in initial military training, modern innovative technologies of training in initial military training, methods of teaching initial military training, research mastery of knowledge in the field of methodology, pedagogy.	6																		+
	Fundamentals of modern military robotics	It is studied in order to form knowledge of the theoretical foundations of modern military robotics, the principles of creating and using modern military robotics for military purposes. The following issues are considered: types of modern military robots; varieties of reconnaissance robots; combat autonomous robots; robotic weapons and military equipment; prospects for the development of military robotics.																			
D12	Actual problems of	The purpose of the course is to form knowledge of current problems of patriotic education of	5																		+

	patriotic education of youth	young people at the present stage, methodologies of military-patriotic education, content, forms and methods of organizing military-patriotic work in secondary educational institutions, patriotic education of young people on the military and labor traditions of the people.																	
	Professional activity of a specialist in the field of initial military training	The purpose of the course is the formation of fundamental knowledge, skills and competence systems necessary in the professional activity of a specialist in the field of initial military training, the study of the features of the types, types, forms and methods of vocational training classes using new training programs for initial military training.																	
D13	Commercialization of the results of scientific and scientific-technical activities	The course is designed to study the introduction to commercialization of the results of scientific and technical activities, the object of intellectual property as a result of scientific and technical activities, the development of a new product, the promotion of a new product to the market, organizational aspects of the commercialization of the results of scientific and technical activities.	5							+									
	Methods of conducting military-historical research	The course is designed to study modern research methodologies in the field of military history, military art and special historical methods, social modernization, military-historical processes, the construction of a renewed historical consciousness in modern society, the formation of an integrated future of the nation.																	
D14	Innovative direction of development of the initial military training system	The purpose of the course is to form knowledge of innovative methods in the educational process of the initial military training system, the content and structure of the innovative process of initial military training, management of the innovative process of the initial military training system, information and communication technologies as innovations in the initial military training system.	5							+									
	Activation of the educational process of undergraduates by means of physical education	The purpose of the course is the formation of knowledge to increase the level of the educational process of undergraduates through the formation of knowledge, forms and methods of physical education, mastering the competence system for the organization of physical education, the ability to organize and conduct events by means of physical education in professional activities.																	
Research work of a master student, including internship and master																			
D15	Research work	The purpose of the course is to study domestic and foreign achievements in conducting scientific research and the implementation of analytical and synthetic evaluation of scientific achievements using the experience gained to conduct their own research.	24																

Coordination of planned learning outcomes with teaching and evaluation methods

Learning outcomes	Planned learning outcomes by module	Teaching methods	Assessment methods
LR1	He has the basic concepts and categories of the philosophy of science for setting and solving urgent problems in his own field of scientific research. He is able to orient himself in the theories of the historical development of scientific knowledge in order to develop relevant research directions in the field of his own scientific interests.	interactive lecture, round table	Colloquium, test, essay writing
LR 2	Is able to apply methodological and methodical knowledge in conducting scientific research, educational and educational work. It shows the basics of pedagogical skills and pedagogical technology, management in education, management of the process of formation and development of the personality of students.	interactive lecture, round table, case methods	Colloquium, test, essay writing
LR 3	Understands the main provisions and features of the activities of a military teacher in the field of organizational and managerial activities; studies ways and techniques to improve the effectiveness of the practical activities of a military teacher in the management field.	interactive lecture, round table, case methods	Test, essay writing, presentations
LR 4	Speaks a foreign language to the extent necessary to obtain professional information from foreign sources and elementary communication at a general and professional level, applies business and professional vocabulary of a foreign language.	interactive lecture, round table	Colloquium, test, essay writing
LR 5	Applies the main models of technology commercialization, implements the results of R&D and technology commercialization.	Discussion, interactive lecture, round table	Presentation, test
LR 6	Applies innovative thinking methods in professional activity, generalizes educational tasks in the study of the discipline.	Discussion, interactive lecture, round table	Presentation, test
LR 7	Organizes and conducts high-quality classes on initial military training, has the skills to introduce modern innovative teaching methods into the educational process, ensures safety during classes.	Discussion, interactive lecture, round table	Presentation, test
LR 8	Applies the basics of pedagogy, educational work for the organization of the educational and educational process in educational institutions, uses modern innovative teaching technologies in pedagogical and educational work, for involvement in research work.	Discussion, interactive lecture, round table	Presentation, test
LR 9	Possesses basic knowledge and skills of pedagogical laws, a system of knowledge about the starting points of pedagogical theory, about the principles of approach to the consideration of pedagogical phenomena and methods of their research in initial military training.	Discussion, interactive lecture, round table	Presentation, test
LR 10	Understands the tasks, essence and content of military pedagogy and psychology, principles, methods and forms of training, knows the basics of psychology of military personnel and military personnel.	Discussion, interactive lecture, round table	Presentation, test
LR 11	He is able to independently conduct a comparative analysis of the degree of development of various branches of psychological and pedagogical knowledge, use research methods used in pedagogy. Has primary knowledge and skills of working in the main areas of activity in the field of pedagogical science.	Discussion, interactive lecture, round table	Presentation, test
LR 12	Understands the role and importance of military-patriotic education of young people and preparation for service in the Armed Forces of the Republic of Kazakhstan. He has the skills of organizing military-patriotic education of young people with the participation of veterans and youth public organizations.	Discussion, interactive lecture, round table	Presentation, test

Criteria for assessing the achievability of learning outcomes


Codes LR	Criteria
LR 1	Can: orient himself in the theories of the historical development of scientific knowledge to develop relevant research directions in the field of his own scientific interests. Owms: the basic concepts and categories of the philosophy of science for setting and solving urgent problems in his own field of scientific research.
LR 2	Can: apply methodological and methodical knowledge in conducting scientific research, educational and educational work.
LR 3	Knows: methods and techniques for improving the effectiveness of the practical activities of a military teacher in the management sphere.
LR 4	Owms: in a foreign language to the extent necessary to obtain professional information from foreign sources and elementary communication at a general and professional level
LR 5	Knows: the main models of technology commercialization, implements the results of R&D and technology commercialization.
LR 6	Knows: methods of innovative thinking, generalizes educational tasks in the study of the discipline
LR 7	Owms: the skills of introducing modern innovative teaching methods into the educational process
LR 8	Knows: fundamentals of pedagogy, educational work for the organization of educational and educational process in educational institutions
LR 9	Owms: basic knowledge and skills of pedagogical laws, a system of knowledge about the starting points of pedagogical theory, about the principles of approach to the consideration of pedagogical phenomena and methods of their research in initial military training.
LR 10	Knows: tasks, essence and content of military pedagogy and psychology, principles, methods and forms of training Owms: the basics of psychology of military personnel and military personnel.
LR 11	Can: independently conduct a comparative analysis of the degree of development of various branches of psychological and pedagogical knowledge, use research methods used in pedagogy Owms: primary knowledge and skills of work in the main areas of activity in the field of pedagogical science.
LR 12	Knows: the role and importance of military-patriotic education of youth and preparation for service in the Armed Forces of the Republic of Kazakhstan. Owms: the skills of organizing military-patriotic education of youth with the participation of veterans and youth public organizations.

Graduate Model


Types of competencies	Description of competencies
1. Behavioral skills and personal qualities: (Softskills)	He is able to use knowledge of traditional and modern problems of history and philosophy of science in research activities in the professional direction. Demonstrates the level of training for solving psychological and pedagogical tasks in the educational process of higher education. He is able to independently understand social problems, the sources of their occurrence and possible solutions. Applies professional pedagogical skills and skills in practical activities in the field of initial military training. Uses a foreign language as a means of communication at the intercultural level.
2. Digital competencies: (Digital skills):	Able to make optimal management decisions. Has knowledge in the field of pedagogical innovations, pedagogical technologies, management of educational and cognitive activity of a student, organizations and planning of scientific research, technologies in pedagogical research.
3. Professional competencies: (Hardskills)	Owns modern educational technologies. Knows the theory and methodology of teaching NVP. Forms knowledge of the basics of pedagogy and educational work in educational institutions. Forms knowledge of methodological problems of pedagogical science. Plans and organizes the educational process according to the methodology of teaching military pedagogy and psychology. He knows the current problems of patriotic education of young people. Understands the importance and role of military engineering art. Applies professional research practices, activities in the field of initial military training. Plans research work, including familiarization with the subject of research in this area and the choice of the research topic. Is aware of the social significance and responsibility of professional activity.


Developers:

Members of the working group:

Head of the Department, Ph.D., Assoc., Professor  Imanbetov A.N.

Senior lecturer M.P.S. _____ Nurkeev R.Zh.

Senior lecturer, M.P.S.  Kaiyrbekov E.D.

Master's student of the MIMT-62 group  Utebaev A.D.

The educational program was reviewed by the Faculty Council from 24.04.2023 protocol No. 9

The educational program was reviewed at the meeting of the Academic Council from 28.04.2023 protocol No. 5

The educational program was reviewed and approved at the meeting of the University Board from 30.05.2023 protocol No. 12

Member of the Board -Vice-Rector for Academic Affairs

Director of the Department for Academic Work

Dean of the Faculty

 T.Z.Zhusipbek

 S.A.Smailova

 K.B.Adanov