

**Kazakh Humanitarian Juridical Innovative University**  
**Department of Information and Technology and Economics**  
**Department of applied biology**

**6B01403"Basic military training"**  
**CATALOGUE OF THE ELECTIVE COURSES**  
(full-time Department-4 years)  
Year of entrance -2019

**Semey 2019 year**

**Academic degree: bachelor of education in the educational program  
6B01403 "Primary military training"**

<b>Elective course №</b>	<b>The name of subject</b>	<b>Number of credits</b>	<b>Prerequisites</b>	<b>Post requisites</b>	<b>A brief description indicating the brief content and expected results of the study (knowledge, skills, skills, competencies)</b>
<b>GENERAL EDUCATIONAL DISCIPLINES</b>					
<b>Elective courses (EC)</b>					
<i>Module of economic and legal knowledge</i>					
<b>1</b>	Fundamentals of market economy and entrepreneurship	3	School course on the basics of entrepreneurship and business	-	<p><b>Content:</b> consideration of the institution of entrepreneurship; mastering the economic skills of organizing entrepreneurial activities and evaluating its effectiveness; definition and use of state mechanisms of regulation and support of entrepreneurship. The study of processes, phenomena of the economic life of society; the development of methods, methods, principles, approaches for the study of economic processes;</p> <p><b>Learning Outcome:</b></p> <p><b>Know:</b> the functions of money, the reasons for the differences in the level of remuneration; main types of taxes; organizational and legal forms of entrepreneurship; types of securities; economic growth factors; current state of the theory and practice of entrepreneurial activity; specifics of entrepreneurial activity;</p> <p><b>To be able to:</b> give examples of factors of production and factor income, public goods, Kazakhstani enterprises of various organizational forms, global economic problems; describe the effect of the market mechanism, the main forms of wages and labor incentives, inflation, the main articles of the state budget of Kazakhstan, economic growth, use the basic terminology of modern entrepreneurship; use methods of entrepreneurial activity;</p> <p><b>Skills:</b> obtaining and evaluating economic information; drawing up a family budget; assessment of their own economic activities as a consumer, family member and citizen.</p>
<b>1</b>	Fundamentals of law and anti-corruption culture	2	School course of the basics of law	-	<p><b>Content:</b> Fundamentals of the anti-corruption culture is a holistic interdisciplinary system of knowledge for all specialties and areas of bachelor training.</p> <p><b>Expected result:</b> As a result of studying the discipline, students should know: the essence of corruption and the reasons for its origin, the measure of moral and legal responsibility for corruption offenses.</p> <p><b>To be able to:</b> possess the skills to acquire new knowledge about the anti-corruption culture is a holistic interdisciplinary system of knowledge.</p> <p><b>Competencies:</b> general education.</p>

*Module of economic and legal knowledge*

2	Fundamentals of market economy and entrepreneurship	3	School course on the basics of entrepreneurship and business	-	<p><b>Content:</b> consideration of the institution of entrepreneurship; mastering the economic skills of organizing entrepreneurial activities and evaluating its effectiveness; definition and use of state mechanisms of regulation and support of entrepreneurship. The study of processes, phenomena of the economic life of society; the development of methods, methods, principles, approaches for the study of economic processes;</p> <p><b>Learning Outcome:</b></p> <p><b>Know:</b> the functions of money, the reasons for the differences in the level of remuneration; main types of taxes; organizational and legal forms of entrepreneurship; types of securities; economic growth factors; current state of the theory and practice of entrepreneurial activity; specifics of entrepreneurial activity;</p> <p><b>To be able to:</b> give examples of factors of production and factor income, public goods, Kazakhstani enterprises of various organizational forms, global economic problems; describe the effect of the market mechanism, the main forms of wages and labor incentives, inflation, the main articles of the state budget of Kazakhstan, economic growth, use the basic terminology of modern entrepreneurship;</p> <p>use methods of entrepreneurial activity;</p> <p><b>Skills:</b> obtaining and evaluating economic information; drawing up a family budget; assessment of their own economic activities as a consumer, family member and citizen.</p>
2	Basics of safety and life and ecology	2	School course of initial military and technological training	-	<p><b>Content.</b> The study of the basic concepts of life safety, ecology, problems of modern civilization and the environmental consequences of economic and other human activities in the intensification of environmental management, emergencies, civil defense. Disclosure of principles and methods of protection of the population from various environmental factors, legislative and legal acts in the field of bzh. Preservation of the environment and biological resources</p> <p><b>Expected results:</b> students must know: legislative framework of safety and environmental control, as well as methods for identification, eliminating the influence of harmful factors on human beings and the environment, and ensure comfortable conditions for life and human activities; to be able: to systematize safety standards for use in professional activity; to choose methods of protection against hazards in relation to their professional activities and select methods for providing comfortable living conditions; to own skills of life safety in production conditions and in emergency situations, skills of first aid.</p>

BASIC DISCIPLINES					
Elective courses (EC)					
1	Anatomy the basics of sports morphology and biomechanics	6	School course of biology	Physiological basis of physical education and sports	<p><b>The purpose of the discipline:</b> This discipline introduces the skeleton, bones and their connections. Skeletal muscle. The role of morphofunctional indicators in sports selection. Basics of sports morphology. Biomechanical characteristics of the human body and its movement: external and internal forces, taking into account deviations in the health of the human motor apparatus.</p> <p><b>Know:</b> The basics of anatomy with the basics of sports morphology</p> <p><b>Be able to:</b> conduct laboratory work on the structure of various muscle groups</p> <p><b>Skills:</b> Improve Professional Skill</p> <p><b>Learning outcomes:</b> to analyze anatomical data and processes in muscular and sporting activities and to apply this knowledge and understanding in a professional manner .</p>
1	Human anatomy	6	School course of biology	Physiological basis of physical education and sports	<p><b>The purpose of the discipline:</b> Human anatomy refers to one of the fundamental disciplines in the system of biological education. "Human Anatomy" provides information about the structure of human organ systems, briefly describes the functions they perform. Skeletal muscle. The role of morphofunctional indicators in sports selection.</p> <p><b>Know:</b> - the anatomical structure of the human body, the justification of the means and methods of physical education.</p> <p><b>Be able to:</b> - perform physical exercises affecting the body and outline ways to improve it.</p> <p><b>Skills:</b> - to use knowledge of the structure of the human body, the activity of the central nervous system and organs of internal secretion; - determine the effect of physical activity on the human body.</p> <p><b>Learning outcomes:</b> to analyze anatomical data and processes in muscular and sporting activities and to apply this knowledge and understanding in a professional manner .</p>
2	Human physiology	6	Anatomy the basics of sports morphology and biomechanics	Physiological basis of physical education and sports	<p><b>The purpose of the discipline:</b> Physiological characteristics of the functional state of the body during sports activities. The work of all organs of the system during physical activity in various activities. Getting students of modern scientific knowledge about the functions and life processes of the whole organism, its individual systems</p> <p><b>Know:</b> The Basics of Human Physiology</p> <p><b>Be able to:</b> apply physical activity in various activities</p> <p><b>Skills:</b> Improve Professional Skill</p> <p><b>Learning outcomes:</b> to analyze anatomical data and processes in muscular and sporting activities and to apply this knowledge and understanding in a professional manner .</p>

2	Human development	6	Anatomy the basics of sports morphology and biomechanics	Physiological basis of physical education and sports	<p><b>The purpose of the discipline:</b> “Human Development” introduces the history of the theory of human development, the organization of effective governance in its interests and the system of measurement of human development, its components demographic, gender and environmental aspects of sustainable development, the relationship of human development to economic growth and employment, the issues of poverty measurement and reduction.</p> <p><b>Know:</b> The Basics of Human Development</p> <p><b>Be able to:</b> apply development in various activities</p> <p><b>Skills:</b> Improve Professional Skill</p> <p><b>Learning outcomes:</b> to analyze anatomical data and processes in muscular and sporting activities and to apply this knowledge and understanding in a professional manner .</p>
3	Fire and bullet preparation	5	General military statutes of the Armed Forces of the Republic of Kazakhstan and drill	Modern firearms	<p><b>The purpose of the discipline:</b> Discipline fire training is one of the main subjects of basic military training. It aims to provide students with knowledge of: the purpose, general structure and combat characteristics of small arms and sports weapons, the concept and basic provisions for maintaining small arms, armament complexes of combat vehicles, grenade launchers</p> <p><b>Know:</b> Fire and bullet training</p> <p><b>Be able to:</b> use types of small arms and sports weapons</p> <p><b>Skills:</b> Improve Professional Skill</p> <p><b>Learning outcomes:</b> to have a military and professional orientation, which is an important element of the mandatory and voluntary training of students for military service and their military and patriotic education. To demonstrate the ability to handle weapons, shooting skills play a major role in preparing students for service in the Armed Forces of the Republic of Kazakhstan. Ability to organize and conduct training for students on safe handling of weapons, ammunition and imitation devices; training of material and technical part of small arms; basics and rules of shooting; compliance with control standards.</p>
3	Elements of shooting	5	General military statutes of the Armed Forces of the Republic of Kazakhstan and drill	Modern firearms	<p><b>The purpose of the discipline:</b> Discipline elements of shooting - include theoretical principles that are necessary for understanding the processes occurring during shooting, and mastering the techniques and rules of shooting. Students study the phenomena of the shot, as well as the laws of the flight of bullets in the air, the basic information about the internal and external ballistics.</p> <p><b>Know:</b> the basics of military service</p> <p><b>Be able to:</b> Apply theoretical knowledge in the field of military affairs, command and control of various military units</p> <p><b>Skills:</b> Improve professional skills</p>

					<p><b>Learning outcomes:</b> to have a military and professional orientation, which is an important element of the mandatory and voluntary training of students for military service and their military and patriotic education. To demonstrate the ability to handle weapons, shooting skills play a major role in preparing students for service in the Armed Forces of the Republic of Kazakhstan. Ability to organize and conduct training for students on safe handling of weapons, ammunition and imitation devices; training of material and technical part of small arms; basics and rules of shooting; compliance with control standards.</p>
4	Tactical training and topography	5	General military statutes of the Armed Forces of the Republic of Kazakhstan and drill	Military technical and engineering training	<p><b>The purpose of the discipline:</b> The program provides for the study of military students in order to prepare teachers - organizers of primary military training, possessing the knowledge, skills and abilities necessary for successfully fulfilling responsibilities for organizing and conducting initial military training for students of secondary schools and preparing them for service in the Armed Forces of the Republic of Kazakhstan.</p> <p><b>Know:</b> The Basics of Tactical Training and Topography</p> <p><b>Be able to:</b> handle various types as well as work with military equipment of various modifications</p> <p><b>Skills:</b> Improve Professional Skill</p> <p><b>Learning outcomes:</b> to have a military and professional orientation, which is an important element of the mandatory and voluntary training of students for military service and their military and patriotic education. To demonstrate the ability to handle weapons, shooting skills play a major role in preparing students for service in the Armed Forces of the Republic of Kazakhstan. Ability to organize and conduct training for students on safe handling of weapons, ammunition and imitation devices; training of material and technical part of small arms; basics and rules of shooting; compliance with control standards.</p>
4	Operational-tactical training	5	General military statutes of the Armed Forces of the Republic of Kazakhstan and drill	Military technical and engineering training	<p><b>Learning outcomes:</b> to have a military and professional orientation, which is an important element of the mandatory and voluntary training of students for military service and their military and patriotic education. To demonstrate the ability to handle weapons, shooting skills play a major role in preparing students for service in the Armed Forces of the Republic of Kazakhstan. Ability to organize and conduct training for students on safe handling of weapons, ammunition and imitation devices; training of material and technical part of small arms; basics and rules of shooting; compliance with control standards.</p>

5	Fundamentals of basic military training	5	General military statutes of the Armed Forces of the Republic of Kazakhstan and drill	Methods of teaching basic military training	<p><b>The purpose of the discipline:</b> The course of basic military training in the number of disciplines pedagogical cycle is one of the main in preparing students for the professional activities of the NVP teacher in general education schools and provides for the study by students of the theory and methods of teaching, mastering their theoretical knowledge with practical skills for independent pedagogical work.</p> <p><b>Know:</b> the Constitution of the Republic of Kazakhstan, the Laws of the Republic of Kazakhstan and the decrees of the President of the Republic of Kazakhstan on the protection of the state</p> <p><b>Be able to:</b> formulate a specialist model</p> <p><b>Skills:</b> Improve Professional Skill</p> <p><b>Learning outcomes:</b> - to apply the acquired knowledge to solving pedagogical, educational and scientific-methodical problems, taking into account age and individual-typological differences among students in specific pedagogical situations;</p>
5	Introduction to office work in military units	5	General military statutes of the Armed Forces of the Republic of Kazakhstan and drill	Methods of teaching basic military training	<p><b>The purpose of the discipline:</b> Course Introduction to office work in military units in the number of disciplines of military pedagogical cycle is one of the main in preparing students for the professional activities of the NVP teacher in general education schools and provides for the study by students of the theory and methods of teaching</p> <p><b>Know:</b> an introduction to paperwork in military units</p> <p><b>Be able to:</b> formulate a specialist model</p> <p><b>Skills:</b> Improve Professional</p> <p><b>Skill:</b> Improve professional excellence</p> <p><b>Learning outcomes:</b> - to apply the acquired knowledge to solving pedagogical, educational and scientific-methodical problems, taking into account age and individual-typological differences among students in specific pedagogical situations;</p>
6	Methods of teaching basic military training	6	Fundamentals of basic military training	Fundamentals of military pedagogical culture	<p><b>The purpose of the discipline:</b> This discipline contains information about the forms and methods of conducting classes in military disciplines, planning the CWP in secondary educational institutions. Organization and conduct of initial military training in secondary schools.</p> <p><b>Know:</b> the Methods of Teaching Initial Military Training</p> <p><b>Be able to:</b> possess skills in performing combat operations in various types of combat.</p> <p><b>Skills:</b> Improve Professional Skill</p> <p><b>Learning outcomes:</b> - to apply the acquired knowledge to solving pedagogical, educational and scientific-methodical problems, taking into account age and individual-typological differences among students in specific pedagogical situations;</p>

6	Methods of teaching drill classes	6	Fundamentals of basic military training	Fundamentals of military pedagogical culture	<p><b>The purpose of the discipline:</b> Drill drill includes: single drill drill without a weapon and with a weapon; military units (calculations, crews), platoons, companies (batteries), battalions (divisions) and regiments during operations on foot and on vehicles; military reviews of subunits and units.</p> <p><b>Know:</b> the basics of drill</p> <p><b>Be able to:</b> movements, rebuilding in rows and ranks</p> <p><b>Skills:</b> Improve Professional mastery</p> <p><b>Learning outcomes:</b> - to apply the acquired knowledge to solving pedagogical, educational and scientific-methodical problems, taking into account age and individual-typological differences among students in specific pedagogical situations;</p>
7	Civil Defense and Emergencies	5	Tactical training and topography	Extremism and terrorism as a threat to national security	<p><b>The purpose of the discipline:</b> Theoretical and practical training of students in the organization of measures to protect against emergencies at industrial and social facilities, the content of measures to improve the sustainability of organizations in the event of fires and other emergencies, the dangers arising from the conduct of hostilities or as a result of these actions.</p> <p><b>Know:</b> Basics of Civil Defense Emergencies</p> <p><b>Be able to:</b> apply protective structures and knowledge of radiation reconnaissance devices</p> <p><b>Skills:</b> Improve Professional Skill</p> <p><b>Learning outcomes:</b> to assess from the methodological point of view the problems and processes of social life of the Republic of Kazakhstan, to realize the value of national culture, to treat with respect and care the historical heritage and cultural traditions of all peoples and ethnic groups living in the Republic of Kazakhstan; To apply this knowledge and understanding at the professional level in the organizations of educational institutions of secondary education, secondary - educational schools - boarding schools, gymnasiums and lyceums, vocational - technical schools, administrative bodies of education.</p>



7	Initial population anti-terrorism training	5	Tactical training and topography	Extremism and terrorism as a threat to national security	<p><b>The purpose of the discipline:</b> Conducting exercises on anti-terrorist training of the population, the basic concepts of defenses and knowledge of radiation detection devices. A professionally-oriented discipline that studies the order of organization, the content of measures in the field of civil defense, protection of the population, industrial and social facilities from natural and man-made emergencies.</p> <p><b>Know:</b> Basics of the initial anti-terrorism training of the population</p> <p><b>Be able to:</b> apply protective structures and knowledge of radiation reconnaissance devices</p> <p><b>Skills:</b> Improve Professional Skill</p> <p><b>Learning outcomes:</b> to assess from the methodological point of view the problems and processes of social life of the Republic of Kazakhstan, to realize the value of national culture, to treat with respect and care the historical heritage and cultural traditions of all peoples and ethnic groups living in the Republic of Kazakhstan; To apply this knowledge and understanding at the professional level in the organizations of educational institutions of secondary education, secondary - educational schools - boarding schools, gymnasiums and lyceums, vocational - technical schools, administrative bodies of education.</p>
8	Swimming	5	Human physiology	Physiological basis of physical education and sports	<p><b>The purpose of the discipline:</b> General characteristics of the movements performed when swimming. Analysis of swimming technique sports methods. General characteristics of technology: body position, movements with the legs, movements with the arms, movements and combination of these movements with the arms, combination of movements with the arms.</p> <p><b>Know:</b> Basics of Swimming with Teaching Techniques</p> <p><b>Be able to:</b> with various swimming methods</p> <p><b>Skills:</b> Improve Professional Skill</p> <p><b>Learning outcomes:</b> to analyze the adequacy of physical activity to the physiological capabilities of the organism depending on age, sex, level of sports training in cyclic sports; to possess the skills of analysis, teaching, demonstration of physical exercises, sports tactical actions.</p>

8	Diving	5	Human physiology	Physiological basis of physical education and sports	<p><b>The purpose of the discipline:</b> Concept of swimming technique. The variability of technology from the individual characteristics of the athlete (anatomical, psychological, physiological) and other factors. The concept of general patterns and characteristics inherent in a rational version of the technique of swimming.</p> <p><b>Know:</b> The Basics of Diving Analysis of the technique of swimming sports methods.</p> <p><b>Be able to:</b> with various swimming methods</p> <p><b>Skills:</b> Improve Professional Skill</p> <p><b>Learning outcomes:</b> to analyze the adequacy of physical activity to the physiological capabilities of the organism depending on age, sex, level of sports training in cyclic sports; to possess the skills of analysis, teaching, demonstration of physical exercises, sports tactical actions.</p>
9	Physiological basis of physical education and sports	6	Swimming	Military medical training	<p><b>The purpose of the discipline:</b> Physiological characteristics of the functional state of the body during sports activities. The work of all organs of the system during exercise in various sports. The study of biological processes at the elementary level in order to explain how each individual organ and the body as a whole work.</p> <p><b>Know:</b> - knows and possesses key concepts and a set of scientific knowledge in physiology, the basics of the influence of physical stress on the body.</p> <p><b>Be able to:</b> - knows how to analyze physiological conditions and processes that occur during muscle and sports activities;</p> <p><b>Skills:</b> - able to apply a set of skills for physiological control and self-analysis of the athlete's state, making decisions during sports selection according to physiological indicators and for correcting physical exertion when applied incorrectly.</p> <p><b>Learning outcomes:</b> to analyze the adequacy of physical activity to the physiological capabilities of the organism depending on age, sex, level of sports training in cyclic sports; to possess the skills of analysis, teaching, demonstration of physical exercises, sports tactical actions.</p>
9	Physiology of sports	6	Swimming	Military medical training	<p><b>The purpose of the discipline:</b> "Physiology of sports" - formation of systematized knowledge in the field of physiology of physical exercises and human sports activities (physiological, physical and chemical processes occurring in the body, systems and organs during physical exertion and in the recovery process, the mechanisms of their regulation).</p> <p><b>Know:</b> - Physiological characteristics of adaptation to physical activity in sports. Changes in the functions of various organs and systems of the body in sports. - Hereditary influences on morphological and functional characteristics and physical qualities of a</p>

					<p>person in sports.</p> <p><b>Be able to:</b> - determine the value of genetically adequate and inadequate choice of sports specialization, the style of competitive activity and sensorimotor dominance in sports; - use genetic markers to search for highly and quickly trained athletes in sports</p> <p><b>Skills:</b> - Taking into account the physiological and genetic characteristics of a person in sports selection in sports - assessing the dynamics of the body's functions during adaptation and its stage of distinguishing between urgent and long-term adaptation to physical loads; assessing the functional adaptation system in sports.</p> <p><b>Learning outcomes:</b> to analyze the adequacy of physical activity to the physiological capabilities of the organism depending on age, sex, level of sports training in cyclic sports; to possess the skills of analysis, teaching, demonstration of physical exercises, sports tactical actions.</p>
10	Military - sports games	6	Methods of teaching basic military training	Athletics	<p><b>The purpose of the discipline:</b> Fundamentals of methods for conducting military sports games with children, teenagers, young men, adult athletes. Military sports games help prepare students for military service and develop a sense of patriotism. An integral part of patriotic education is education, aimed at shaping the readiness of young men for military service as a special type of public service.</p> <p><b>Know:</b> The basics of military sports games</p> <p><b>Be able to:</b> apply methods for conducting military sports games with children, adolescents, young men, adult athletes</p> <p><b>Skills:</b> Improve Professional Skill</p> <p><b>Learning outcomes:</b> to classify techniques and tactics of sports games; to make plans - notes of training session on sports games with a various pedagogical orientation, to regulate the size of loading depending on the set tasks of training and ability to show technique and sequence of training of game actions;</p>

10	Types of military equipment and their use	6	Methods of teaching basic military training	Athletics	<p><b>The purpose of the discipline:</b> Shooting from combat vehicles: shooting armored personnel carriers (BTR), shooting from armed infantry fighting vehicles (BMP), shooting exercises from tanks. An integral part of patriotic education is education, aimed at shaping the readiness of young men for military service as a special type of public service.</p> <p><b>Know:</b> Types of military equipment and their application</p> <p><b>Be able to:</b> firing from military vehicles: firing from the armament of armored personnel carriers</p> <p><b>Skills:</b> Improve Professional Skill</p> <p><b>Learning outcomes:</b> to classify techniques and tactics of sports games; to make plans - notes of training session on sports games with a various pedagogical orientation, to regulate the size of loading depending on the set tasks of training and ability to show technique and sequence of training of game actions;</p>
11	History of military art and armed forces of the Republic of Kazakhstan	5	Military - sports games	Types of wrestling and hand-to-hand combat	<p><b>The purpose of the discipline:</b> Summarize the experience of past wars, show the development of military art and reveal the laws of this process In accordance with the requirements of the qualification characteristics, the student must know the most important stages of military history; the development of means of warfare; tactics of units of ground forces</p> <p><b>Know:</b> The Basics of the History of Martial Art</p> <p><b>Be able to:</b> conduct classes on the history of military art</p> <p><b>Skills:</b> Improve Professional Skill</p> <p><b>Learning outcomes:</b> to assess from the methodological point of view the problems and processes of social life of the Republic of Kazakhstan, to realize the value of national culture, to treat with respect and care the historical heritage and cultural traditions of all peoples and ethnic groups living in the Republic of Kazakhstan; To apply this knowledge and understanding at the professional level in the organizations of educational institutions of secondary education, secondary - educational schools - boarding schools, gymnasiums and lyceums, vocational - technical schools, administrative bodies of education.</p>
11	Secret documents	5	Military - sports games	Types of wrestling and hand-to-hand combat	<p><b>The purpose of the discipline:</b> To study the basic concepts of secret documentation, the main secrecy regimes in institutions, organizations and enterprises, to study the activities of security-secret bodies. Military-sports all-around, rules for conducting training. Know: Secret Documents</p> <p><b>Be able to:</b> conduct classes on secret documents</p> <p><b>Skills:</b> Improve Professional Skill</p> <p><b>Learning outcomes:</b> to assess from the methodological point of view the problems and</p>

					processes of social life of the Republic of Kazakhstan, to realize the value of national culture, to treat with respect and care the historical heritage and cultural traditions of all peoples and ethnic groups living in the Republic of Kazakhstan; To apply this knowledge and understanding at the professional level in the organizations of educational institutions of secondary education, secondary - educational schools - boarding schools, gymnasiums and lyceums, vocational - technical schools, administrative bodies of education.
12	Modern firearms	5	Fire and bullet preparation	Basics of military robotics and information technology (IT)	<p><b>The purpose of the discipline:</b> The purpose of the course is to acquaint students with the classification, purpose, combat properties, technical characteristics of modern firearms in service in various countries of the world. Firearms - one of the main objects of forensic ballistic research. However, not every weapon capable of hitting the enemy belongs to the firearm.</p> <p><b>Know:</b> Modern Firearms</p> <p><b>Be able to:</b> conduct shooting from military vehicles: firing from the armament of armored personnel carriers (BTR), firing from armed infantry fighting vehicles (BMP)</p> <p><b>Skills:</b> Improve Professional Skill</p> <p><b>Learning outcomes:</b> to apply practical methods of therapeutic physical training and methods of health sports activities with different groups of the population; to analyze the results of the lessons held and attended and to apply the practical skill correctly.</p>
12	Basics of shooting from small arms	5	Fire and bullet preparation	Basics of military robotics and information technology (IT)	<p><b>The purpose of the discipline:</b> Basics of shooting from small arms. It aims to give learners knowledge in the area of: determining the distance to the target (the detected object) in various ways, loading techniques and firing (setting the sight, determining the aiming point, lowering the trigger, holding the weapon when firing, stopping shooting).</p> <p><b>Know:</b> Modern Firearms</p> <p><b>Be able to:</b> fire from military vehicles: fire from the armament of armored personnel carriers (BTR), fire from armed infantry fighting vehicles (BMP)</p> <p><b>Skills:</b> Improve Professional Skill</p> <p><b>Learning outcomes:</b> to apply practical methods of therapeutic physical training and methods of health sports activities with different groups of the population; to analyze the results of the lessons held and attended and to apply the practical skill correctly.</p>
13	Fundamentals of military pedagogical culture	5	Methods of teaching basic military training	Preparation for writing a thesis	<p><b>The purpose of the discipline:</b> Cultural approach as a scientific basis for the development of the theory and practice of teacher education. Equip students - future teachers of primary military training with a system of scientific military-pedagogical knowledge, form the basics of pedagogical</p>

					<p>thinking, skills and abilities they need for military education and training, and preparing draft youth for service in the Armed Forces of the Republic of Kazakhstan.</p> <p><b>Know:</b> Fundamentals of military pedagogical culture</p> <p><b>Be able to:</b> form a professional and pedagogical personality</p> <p><b>Skills:</b> Improve Professional Skill</p> <p><b>Learning outcomes:</b> to apply practical methods of therapeutic physical training and methods of health sports activities with different groups of the population; to analyze the results of the lessons held and attended and to apply the practical skill correctly.</p>
13	Scientific - pedagogical research	5	Methods of teaching basic military training	Preparation for writing a thesis	<p><b>The purpose of the discipline:</b> "Scientific and pedagogical research" has a special place in the professional preparation of the future teacher. In the context of a multi-level system of higher professional and pedagogical education, the task is to raise the fundamental general scientific, humanitarian, natural, scientific and professional training of a primary education specialist.</p> <p><b>Know:</b> Fundamentals of scientific and pedagogical research</p> <p><b>Be able to:</b> form a professional and pedagogical personality</p> <p><b>Skills:</b> Improve Professional Skill</p> <p><b>Learning outcomes:</b> to apply practical methods of therapeutic physical training and methods of health sports activities with different groups of the population; to analyze the results of the lessons held and attended and to apply the practical skill correctly.</p>
14	Athletics	5	Military - sports games	Outdoor games with shooting elements	<p><b>The purpose of the discipline:</b> General and special physical training in athletics. Technical tactical training in athletics. Methods of training in athletics. Fundamentals of coach training in athletics. Classification and characteristics of athletics exercises. The history of the development of athletics. Fundamentals of the techniques of athletics.</p> <p><b>Know:</b> The Basics of Athletics</p> <p><b>Be able to:</b> conduct classes on the Basics of Athletics</p> <p><b>Skills:</b> Improve Professional Skill</p> <p><b>Learning outcomes:</b> to analyze the adequacy of physical activity to the physiological capabilities of the organism depending on age, sex, level of sports training in cyclic sports; to possess the skills of analysis, teaching, demonstration of physical exercises, sports tactical actions.</p>
14	Basics of general and special training of military personnel	5	Military - sports games	Outdoor games with shooting elements	<p><b>The purpose of the discipline:</b> Applied physical training of servicemen: running exercises obstacles march throw in full combat uniforms, the development of physical qualities. The training of military personnel is carried out in the course of individual and individual training, military units, formations</p>

					<p>and military command bodies.</p> <p><b>Know:</b> The basics of physical education of military personnel</p> <p><b>Be able to:</b> use running exercises as obstacles march throw in full combat uniforms, the development of the physical qualities of a specialist on</p> <p><b>Skills:</b> Improve Professional Skill</p> <p><b>Learning outcomes:</b> to analyze the adequacy of physical activity to the physiological capabilities of the organism depending on age, sex, level of sports training in cyclic sports; to possess the skills of analysis, teaching, demonstration of physical exercises, sports tactical actions.</p>
15	Therapeutic and preventive measures in military units	5	Physiologic al basis of physical education and sports	Military medical training	<p><b>The purpose of the discipline:</b> Medical checkup. Therapeutic and prophylactic nutrition. Therapeutic and prophylactic measures. The main therapeutic and preventive measures are clinical examination, outpatient inpatient and sanatorium-resort treatment of military personnel.</p> <p><b>Know:</b> Fundamentals of Medical and preventive measures in military units</p> <p><b>Be able to:</b> conduct preventive measures aimed at preventing diseases in the military unit</p> <p><b>Skills:</b> Improve Professional Skill</p> <p><b>Learning outcomes:</b> to apply practical methods of therapeutic physical training and methods of health sports activities with different groups of the population; to analyze the results of the lessons held and attended and to apply the practical skill correctly.</p>
15	History of health science	5	Physiologic al basis of physical education and sports	Military medical training	<p><b>The purpose of the discipline:</b> The history of the science of health” consists in the study by students of the main stages and patterns of the emergence and development of medical knowledge and medical activities of various peoples of the world throughout the history of humankind.</p> <p><b>Know:</b> Fundamentals of the history of the science of health</p> <p><b>Be able to:</b> carry out preventive measures aimed at preventing diseases in the military unit</p> <p><b>Skills:</b> Improve Professional Skill</p> <p><b>Learning outcomes:</b> to apply practical methods of therapeutic physical training and methods of health sports activities with different groups of the population; to analyze the results of the lessons held and attended and to apply the practical skill correctly.</p>
<b>Profiling disciplines</b>					
<b>Elective courses (EC)</b>					
1	Methods of conducting field studies	3	Fire and bullet preparation	Methods of teaching basic military training	<p><b>The purpose of the discipline:</b> Preparing young people for military service, nurturing and maintaining students' patriotism, civic duty, the constitutional duty of public interest, through engaging them to participate in the preparation, organization and conduct of</p>

					<p>activities in the framework of the Field Teaching (KPI).</p> <p><b>Know:</b> Methodology for conducting field training</p> <p>Be able to: possess skills in performing combat operations in various types of combat.</p> <p><b>Skills:</b> Improve Professional Skill</p> <p><b>Learning outcomes:</b> to apply the acquired knowledge to solving pedagogical, educational and scientific-methodical problems, taking into account age and individual-typological differences among students in specific pedagogical situations; to apply the acquired knowledge to solving pedagogical, educational and scientific-methodical problems, taking into account age and individual-typological differences among students in specific pedagogical situations;</p>
1	Outdoor games	3	Fire and bullet preparation	Methods of teaching basic military training	<p><b>The purpose of the discipline:</b> Theoretical and methodological foundations of mobile games. Mobile species in the system of physical education and sport. Fundamentals of training techniques, tactics of training and competitive activity. Obtaining scientific knowledge on the conduct of combat operations by a platoon in various types of combat.</p> <p><b>Know:</b> Methodology for outdoor games</p> <p><b>Be able to:</b> possession of the Fundamentals of teaching technology, tactics of training and competitive activity.</p> <p><b>Skills:</b> Improve Professional Skill</p> <p><b>Learning outcomes:</b> to apply the acquired knowledge to solving pedagogical, educational and scientific-methodical problems, taking into account age and individual-typological differences among students in specific pedagogical situations;</p>
2	Fundamentals of physical education of military personnel	4	Human physiology	Outdoor games with shooting elements	<p><b>The purpose of the discipline:</b> Applied physical training of servicemen: running exercises obstacles march throw in full combat uniforms, the development of physical qualities. The purpose of the physical training of military personnel is to facilitate the effective mastery of the personnel of military professional activities and the psychophysical preparation of them for participation in hostilities.</p> <p><b>Know:</b> The basics of physical education of military personnel</p> <p><b>Be able to:</b> use running exercises as obstacles march throw in full combat uniforms, the development of the physical qualities of a specialist on</p> <p><b>Skills:</b> Improve Professional Skill</p> <p><b>Learning outcomes:</b> to analyze the adequacy of physical activity to the physiological capabilities of the organism depending on age, sex, level of sports training in cyclic sports; to possess the skills of analysis, teaching, demonstration of physical exercises, sports</p>



					tactical actions.
2	The basics of military morality	4	Human physiology	Outdoor games with shooting elements	<p><b>The purpose of the discipline:</b> Behavior of military personnel and military decency. Soldiers must respect the dignity of others and protect their dignity to be restrained and slim culture. Also, they should not forget the established opinion about the reputation of the Armed Forces together, not only about their behavior. Chiefs and subordinate higher ranks and junior ranks (rank).</p> <p><b>Know:</b> Fundamentals of military moral education</p> <p><b>Be able to:</b> develop the moral qualities of a specialist</p> <p><b>Skills:</b> Improve professional excellence</p> <p><b>Learning outcomes:</b> to analyze the adequacy of physical activity to the physiological capabilities of the organism depending on age, sex, level of sports training in cyclic sports; to possess the skills of analysis, teaching, demonstration of physical exercises, sports tactical actions.</p>
3	Extremism and terrorism as a threat to national security	5	Civil Defense and Emergencies	Preparation for writing a thesis	<p><b>The purpose of the discipline:</b> The course "Extremism and terrorism, as a threat to national security" gives the concept extremism and terrorism. Studies the concept of national security of the Republic of Kazakhstan, forms of extremism: political, national and religious; classification of religious (Islamic) extremism.</p> <p><b>Know:</b> Basics of Civil Defense Emergencies</p> <p><b>Be able to:</b> apply protective structures and knowledge of radiation reconnaissance devices</p> <p><b>Skills:</b> Improve Professional Skill</p> <p><b>Learning outcomes:</b> to demonstrate knowledge and understanding in the field of linguistics, informatics, including elements of the most advanced knowledge in this field; to formulate arguments and solve problems in linguistics .</p>
3	Terrorism and security	5	Civil Defense and Emergencies	Preparation for writing a thesis	<p><b>The purpose of the discipline:</b> Practical skills and abilities in the field of state defense, abilities to realize the conscious professional self-determination in relation to the future profession, personal spiritual and physical qualities, physical and moral-psychological qualities necessary for the performance of professional duties and psychological readiness for professional activities.</p> <p><b>Know:</b> Basics of the initial anti-terrorism training of the population</p> <p><b>Be able to:</b> apply protective structures and knowledge of radiation reconnaissance devices,</p> <p><b>Skills:</b> Improve Professional Skill</p> <p><b>Learning outcomes:</b> to demonstrate knowledge and understanding in the field of linguistics, informatics, including elements of the most advanced knowledge in this field; to formulate arguments and solve problems in linguistics . to demonstrate knowledge and understanding in the field of linguistics,</p>

					informatics, including elements of the most advanced knowledge in this field; to formulate arguments and solve problems in linguistics .
4	Military intelligence and search work on the ground	5	Tactical training and topography	Types of wrestling and hand-to-hand combat	<p><b>The purpose of the discipline:</b> Military intelligence and search work on the ground: the main forms of work and principles. Methods of organizing and conducting search and rescue operations, basics of search and rescue activities in the field of tourism, didactic patterns in tourism and orienteering, organizing and conducting tourism classes in accordance with the content of existing programs and the specifics of the contingent involved.</p> <p><b>Know:</b> the military intelligence and search work on the ground</p> <p><b>Be able to:</b> perform movement on the battlefield, choose a firing position (a place for shooting), conduct surveillance in a given sector</p> <p><b>Skills:</b> Improve Professional Skill</p> <p><b>Learning outcomes:</b> to assess from the methodological point of view the problems and processes of social life of the Republic of Kazakhstan, to realize the value of national culture, to treat with respect and care the historical heritage and cultural traditions of all peoples and ethnic groups living in the Republic of Kazakhstan; To apply this knowledge and understanding at the professional level in the organizations of educational institutions of secondary education, secondary - educational schools - boarding schools, gymnasiums and lyceums, vocational - technical schools, administrative bodies of education.</p>
4	Information technology in school	5	Tactical training and topography	Types of wrestling and hand-to-hand combat	<p><b>The purpose of the discipline:</b> The purpose of the discipline is to form a system of knowledge among students in the field of computer technologies necessary for the successful activity of a bachelor who is able to effectively apply modern information technologies in practice in the field of their professional activities, as well as contributing to the further development of their personality.</p> <p><b>Know:</b> Information Technology in Secondary School</p> <p><b>Be able to:</b> Apply interactive learning technologies: interactive whiteboard, applications in the educational process</p> <p><b>Skills:</b> Improve Professional Skill</p> <p><b>Learning outcomes:</b> to assess from the methodological point of view the problems and processes of social life of the Republic of Kazakhstan, to realize the value of national culture, to treat with respect and care the historical heritage and cultural traditions of all peoples and ethnic groups living in the Republic of Kazakhstan; To apply this knowledge and understanding at the professional level in the organizations of</p>

					educational institutions of secondary education, secondary - educational schools - boarding schools, gymnasiums and lyceums, vocational - technical schools, administrative bodies of education.
5	Types of wrestling and hand-to-hand combat	5	Military intelligence and search work on the ground	Preparation for writing a thesis	<p><b>The purpose of the discipline:</b> "Types of wrestling and hand-to-hand fighting" methods of teaching the basics of fighting techniques and hand-to-hand combat with students of secondary schools. The main technical actions of martial arts. Knowledge of martial arts tactics. Mastering the theoretical, methodical, professional and pedagogical knowledge necessary for independent pedagogical skills.</p> <p><b>Know:</b> The Basics of Fighting and Hand-to-Hand Fighting</p> <p><b>Be able to:</b> conduct classes on teaching the basics of fighting techniques and hand-to-hand combat with secondary school students</p> <p><b>Skills:</b> Improve Professional Skill</p> <p><b>Learning outcomes:</b> to apply knowledge of planning, organizing and conducting military sports competitions ;</p>
5	Military classification	5	Military intelligence and search work on the ground	Preparation for writing a thesis	<p><b>The purpose of the discipline:</b> The art of warfare represented a region in which only a few historians of wars stopped their attention; only its formal part, which covers elementary statutory questions - on formations, rebuildings, combat formations - was analyzed in tactics courses, as the subject of daily exercises of the troops.</p> <p><b>Know:</b> The Basics of Fighting and Hand-to-Hand Fighting</p> <p><b>Be able to:</b> conduct classes on teaching the basics of fighting techniques and hand-to-hand combat with secondary school students</p> <p><b>Skills:</b> Improve Professional Skill</p> <p><b>Learning outcomes:</b> to apply knowledge of planning, organizing and conducting military sports competitions ;</p>
6	Military medical training	5	Human physiology	Preparation for writing a thesis	<p><b>The purpose of the discipline:</b> The order of treatment and preventive measures in peacetime, as well as on theoretical and practical issues of organizing medical activities in wartime. Organization of medical activity of the Armed Forces of the Republic of Kazakhstan, tasks. Personal and public hygiene of military personnel. Prevention of infectious diseases. Personal medical supplies for military personnel.</p> <p><b>Know:</b> the methodology of military medical training</p> <p><b>Be able to:</b> provide first aid in peacetime and wartime</p> <p><b>Skills:</b> Improve Professional Skill</p> <p><b>Learning outcomes:</b> to apply practical methods of therapeutic physical training and methods of health sports activities with different groups of the population; to analyze the results of the lessons held and attended and to apply the practical skill correctly.</p>

6	Healing Fitness	5	Human physiology	Preparation for writing a thesis	<p><b>The purpose of the discipline:</b> Training of specialists with the knowledge and skills to use special methods of physical therapy and massage, taking into account the individual nature of the pathology in rehabilitation and health centers. The study of the actions of physical exercises and other means of physical culture and the development of methods for their use in treatment-and-prophylactic and rehabilitation purposes.</p> <p><b>Know:</b> the Methodology of physical therapy</p> <p><b>Be able to:</b> use the means of physical education and massage techniques to treat patients with various diseases</p> <p><b>Skills:</b> Improve Professional Skill</p> <p><b>Learning outcomes:</b> to apply practical methods of therapeutic physical training and methods of health sports activities with different groups of the population; to analyze the results of the lessons held and attended and to apply the practical skill correctly.</p>
7	Basics of military robotics and information technology (IT)	6	Modern firearms	Preparation for writing a thesis	<p><b>The purpose of the discipline:</b> Improving the efficiency of the system of additional education and the implementation of youth policy in the interests of innovative and socially oriented development of the national economy. Modernization and systematization of programs of additional education in the field of robotics, mechatronics, and scientific and technical creativity.</p> <p><b>Know:</b> Outdoor games with shooting elements</p> <p><b>Be able to:</b> Modernize and systematize continuing education programs in the field of robotics, mechatronics, and scientific and technical creativity.</p> <p><b>Skills:</b> Improve Professional Skill</p> <p><b>Learning outcomes:</b> to demonstrate knowledge and understanding in the field of study, to be competitive at a professional level to apply this knowledge and skills in an international environment. To have skills in the use of modern technology, to be able to use information technology in initial military education, to apply theoretical knowledge and practical skills in initial military training in educational and everyday life.</p>
7	Mechatronics and Robotics	6	Modern firearms	Preparation for writing a thesis	<p><b>The purpose of the discipline:</b> Ensuring an effective system of socialization and vocational orientation of students of institutions of general and secondary specialized education on the basis of programs to improve competencies in the field of information technology, robotics and mechatronics.</p> <p><b>Know:</b> Outdoor games with shooting elements</p> <p><b>Be able to:</b> Increase the efficiency of using interactive technologies and modern technical training tools</p> <p><b>Skills:</b> Improve Professional Skill</p> <p><b>Learning outcomes:</b> to demonstrate knowledge and understanding in the field of</p>

					study, to be competitive at a professional level to apply this knowledge and skills in an international environment. To have skills in the use of modern technology, to be able to use information technology in initial military education, to apply theoretical knowledge and practical skills in initial military training in educational and everyday life.
8	Outdoor games with shooting elements	5	Athletics	Preparation for writing a thesis	<p><b>The purpose of the discipline:</b> Outdoor games with elements of firing from various types of automatic weapons and other types of small and sporting weapons. The course should contribute to the consolidation of the main elements of training activities through the ability to select the means and methods of teaching mobile and military sports</p> <p><b>Know:</b> Outdoor games with shooting elements</p> <p><b>Be able to:</b> Use outdoor games with elements of shooting from various types of automatic weapons and other types of small and sports weapons</p> <p><b>Skills:</b> Improve Professional Skill</p> <p><b>Learning outcomes:</b> to demonstrate knowledge and understanding in the field of study, to be competitive at a professional level to apply this knowledge and skills in an international environment. To have skills in the use of modern technology, to be able to use information technology in initial military education, to apply theoretical knowledge and practical skills in initial military training in educational and everyday life.</p>
8	Firing elements	5	Athletics	Preparation for writing a thesis	<p><b>The purpose of the discipline:</b> Elements of shooting - include theoretical principles that are necessary to understand the processes that occur when shooting, and the assimilation of techniques and rules of shooting. Students study the phenomena of the shot, as well as the laws of the flight of bullets in the air, the basic information about the internal and external ballistics.</p> <p><b>Know:</b> The Basics of Military Service</p> <p><b>Be able to:</b> Apply theoretical knowledge in the field of military affairs, command and control of various military units</p> <p><b>Skills:</b> Improve professional skills</p> <p><b>Learning outcomes:</b> to demonstrate knowledge and understanding in the field of study, to be competitive at a professional level to apply this knowledge and skills in an international environment. To have skills in the use of modern technology, to be able to use information technology in initial military education, to apply theoretical knowledge and practical skills in initial military training in educational and everyday life.</p>

# **List of elective courses for the educational program**

**on specialty**

**6B01403 "Primary military training"**

Training period 4 years

Year of receipt: 2019

№	The name of discipline	Discipline code	Number of the Credits	Semester
1.Compulsory modules for specialty - 5 credits				
Component of choice 1				
Module of economic and legal knowledge				
1	Fundamentals of market economy and entrepreneurship	FMEES 1111	3	2
	Fundamentals of law and anti-corruption culture	FLACC 1112	2	
Component of choice 2				
Module of economic and legal knowledge				
2	Fundamentals of market economy and entrepreneurship	FMEES 1111	3	2
	Basics of safety and life and ecology	BSLE 1112	2	
2. Compulsory modules for specialty -80 credits				
Component of choice				
1	Component of choice 1			
	Anatomy the basics of sports morphology and biomechanics	ABSMB 1211	6	3
	Human anatomy	HA1211		
2	Component of choice 2			
	Human physiology	HP2213	6	3
	Human development	HD 2213		
3	Component of choice 3			
	Fire and bullet preparation	FBP2214	5	4
	Elements of shooting	ES2214		
4	Component of choice 4			
	Tactical training and topography	TTT2215	5	4
	Operational-tactical training	OTT2215		
5	Component of choice 5			
	Fundamentals of basic military training	FBMT2216	5	4
	Introduction to office work in military units	IOWMU2216		
6	Component of choice 6			
	Methods of teaching basic military training	MTBMT3217	6	5
	Methods of teaching drill classes	MTDC3217		
7	Component of choice 7			
	Civil Defense and Emergencies	CDE3218	5	5
	Initial population anti-terrorism training	IPATT3218		
8	Component of choice 8			
	Swimming	Swi3219	5	5
	Diving	Div3219		
9	Component of choice 9			
	Physiological basis of physical education and sports	PBPES 3220	6	6
	Physiology of sports	PS 3220		
10	Component of choice 10			
	Military - sports games	MSG 3221	6	6
	Types of military equipment and their use	TMEU 3221		
11	Component of choice 11			

	History of military art and armed forces of the Republic of Kazakhstan	HMAFRK3222	5	6
	Secret documents	SD3222		
12	<b>Component of choice 12</b>		5	7
	Modern firearms	MF4223		
	Basics of shooting from small arms	BSFSA 4223		
13	<b>Component of choice 13</b>		5	7
	Fundamentals of military pedagogical culture	FMPC 4224		
	Scientific - pedagogical research	SPR4224		
14	<b>Component of choice 14</b>		5	7
	Athletics	Atl 4225		
	Basics of general and special training of military personnel	BGSTMP4225		
15	<b>Component of choice 15</b>		5	7
	Therapeutic and preventive measures in military units	TPMMU4226		
	History of health science	HHS4226		
<b>3. Profiling discipline - 38 credits</b>				
<b>Component of choice</b>				
1	<b>Component of choice 1</b>		3	4
	Methods of conducting field studies	MCFS 2306		
	Outdoor games	OG 2306		
2	<b>Component of choice 2</b>		4	5
	Fundamentals of physical education of military personnel	FPEMP 3307		
	The basics of military morality	BMM 3307		
3	<b>Component of choice 3</b>		5	6
	Extremism and terrorism as a threat to national security	ETATNS 3308		
	Terrorism and security	TS 3308		
4	<b>Component of choice 4</b>		5	6
	Military intelligence and search work on the ground	MISWG 3309		
	Information technology in school	ITS 3309		
<b>Component of choice 5</b>				
5	Types of wrestling and hand-to-hand combat	TWHHC 4310	5	7
	Military classification	MC 4310		
6	<b>Component of choice 6</b>		5	7
	Military medical training	MMT 4311		
	Healing Fitness	HF 4311		
7	<b>Component of choice 7</b>		6	8
	Basics of military robotics and information technology (IT)	BMRIT (IT) 4312		
	Mechatronics and Robotics	MR 4312		
8	<b>Component of choice 8</b>		5	8
	Outdoor games with shooting elements	OGWSE 4313		
	Firing elements	FE 4313		