

№ ЛД-21 ИИ

Federal state budgetary educational institution higher education
«NORTH OSSETIAN STATE MEDICAL ACADEMY»
Ministry of health of the Russian Federation



CLAIM

O. V. Remizov

«30» March 2022 г.

EDUCATIONAL TRAINING PROGRAM OF DISCIPLINE

«Public health and healthcare, health economics»

the main professional educational program of higher education - specialty program in the
specialty 31.05.01 General Medicine, approved in March 30, 2022

Form of education _____ Full-time _____

The period of development _____ 6 _____

Department _____ public health, health and socio-economic Sciences _____

Vladikavkaz, 2022

When developing an educational training program, the discipline is based on:

1. Federal State Educational Standard of Higher Education on specialty 31.05.01 General Medicine, approved by the Ministry of Education and Science of the Russian Federation on August, 12, 2020 №988.

2. Academic plan on specialty 31.05.01 General Medicine,

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ЛД-21-02-22 ИИ

approved by the Scientific Council of the Federal State Budgetary Educational Institution of Higher Education «North-Ossetia State Medical Academy» of the Ministry of Healthcare of the Russian Federation 30th of March 2022, Protocol № 6.

The educational training program of the discipline was approved at a meeting of the department of public health, health of socio-economic Sciences from 18th of March 2022, Protocol № 7.

The educational training program of the discipline was approved at a meeting of the central coordinating training and methodological council from 22th of March 2022, Protocol № 4.

The educational training program of the discipline was approved by the Scientific Council of the State Medical University of the Federal State Budgetary Educational Institution of Higher Education «North-Ossetia State Medical Academy» of the Ministry of Healthcare of the Russian Federation from 30th of March 2022, Protocol № 6.

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Content of the work program

1. Name of the discipline;
2. The list of planned results of training in the discipline, correlated with the planned results of the development of the educational program;
3. Specifying the place of the discipline in the structure of the educational program;
4. The volume of the discipline in credit units indicating the number of academic or astronomical hours allocated for contact work of students with the teacher (by type of training) and for independent work of students;
5. The content of the discipline, structured by topic (sections) with an indication of the number of academic or astronomical hours allocated to them and the types of training sessions;
6. The list of educational and methodological support for independent work of students in the discipline;
7. Fund of evaluation funds for conducting intermediate certification of students in the discipline;
8. The list of basic and additional educational literature necessary for the development of the discipline;
9. The list of resources of the information and telecommunications network " Internet "(hereinafter - the "Internet"), necessary for the development of the discipline;
10. Guidelines for students on the development of the discipline;
11. List of information technologies used in the implementation of the educational process in the discipline, including a list of software and information reference systems (if necessary);
12. Description of the material and technical base necessary for the implementation of the educational process in the discipline.
13. Conducting educational activities using e-learning and distance learning technologies.

2. The list of planned results of training in the discipline and the results of the development of the educational program

№ п/ п	Number/ index of competence	Content of the competence (or part of it)	Topic of the lesson (section)	Indicators of competence achievement	The learning outcomes of the		
					know	be able to	to own
1	2	3	4	5	6	7	8
1.	Universal competence -1 Systems and critical thinking	Able to carry out a critical analysis of problem situations based on a systematic approach, develop a strategy for action	Subject, place and role of public health and health care. Theoretical and organizational legal foundations of healthcare	Achievement indicator - 1 Universal competence – 1 Be able to identify problem situations and search for the necessary information to solve problems in the professional field. Achievement indicator - 2 Universal competence - 1 Be able to form value judgments in the professional field Achievement indicator - 3 Universal competence - 1 Be able to conduct a critical analysis of information using the historical method	- basic terms and concepts; - the theoretical basis of public health and health care as a scientific discipline and subject of teaching (tasks, subjects, methods, principles); - history of the formation and development of the discipline; основы- fundamentals of the legislation on health care of the Russian Federation, the main policy documents defining the activities of health authorities and institutions; - legal and ethical aspects of medical activity; - fundamentals of abstract thinking, logical and reasoned analysis; - basic principles of medical ethics and deontology in the work of a doctor.	- use the basics of economic and legal knowledge in professional activities; - use regulatory and legal documentation in professional activities; - to think abstractly, analyze and evaluate the quality of medical care, the state of health of the population, the impact of environmental factors, lifestyle, biological factors and the organization of medical care of a medical organization; - apply the basic principles of medical ethics and deontology in practice.	- the main provisions of legislative documents on public health and public health; - methods of using regulatory and legal documentation; - methods and techniques of logical and reasoned analysis, public speech, conducting discussions and polemics, editing texts of professional content, carrying out educational and pedagogical activities; - communication skills, taking into account the basic principles of medical ethics and deontology, to bear social and ethical responsibility for the decisions made.
2.	Universal competence -3 Teamwork and leadership	Able to organize and manage the work of the team, developing a team	Fundamentals of medical statistics	Achievement indicator - 1 Universal competence - 3 Be able to form a team to perform	- theoretical foundations of medical statistics, collection, storage, search, processing,	- organize medical and social (epidemiological, clinical and statistical, etc.) research;	- rules for maintaining medical records; - methodology for calculating indicators of medical statistics in

		strategy to achieve the goal		<p>practical tasks, develop a team strategy and work in a team.</p> <p>Achievement indicator - 2 Universal competence - 3 Be able to implement the main management functions.</p>	<p>transformation, dissemination of information in medical and biological systems, use of information computer systems in medicine and healthcare;</p> <p>- basic statistical methods used in the analysis of biomedical data;</p> <p>- basis for the use of statistical method in quality control of medical care;</p> <p>ОСНОВЫ- fundamentals of the use of evidence-based medicine methods in assessing the health status of the population, the activities of medical organizations and in scientific research;</p> <p>- maintaining standard accounting and reporting medical documentation in medical organizations.</p>	<p>- apply basic statistical methods, correctly present statistical data in graphical and tabular formats;</p> <p>- conduct a critical analysis and reasoned interpretation of the results of their own and similar statistical observations;</p> <p>- interpret the results of statistically processed indicators, form a forecast, outline the scope of additional studies, summarize;</p> <p>- maintain medical records of various types in outpatient and inpatient institutions;</p> <p>- process medical records using computer programs;</p> <p>- analyze the results of their own activities to prevent professional errors in the practice of the doctor.</p>	<p>the activities of medical organizations (hereinafter-MO);</p> <p>- methodology for analyzing the activities of various institutions of the system of protection, strengthening and restoration of public health;</p> <p>- basic technologies of information transformation: text, table editors, Internet techniques for professional activities.</p>
3.	<p>General professional competence – 2</p> <p>A healthy lifestyle</p>	It is able to carry out and monitor the effectiveness of measures for the prevention of infectious and non-communicable diseases in children, the formation of a healthy lifestyle and sanitary	Public health and its determining factors. Population health indicators	<p>Achievement indicator - 1 General professional competence – 2 Be able to analyze the awareness of the population about a healthy lifestyle and health literacy.</p> <p>Achievement indicator - 2 General professional</p>	<p>- criteria of public health and methods of its study, factors affecting the health of the population;</p> <p>- the role and place of social and biological factors in the formation of health (public, group, family, individual) and health organization;</p>	<p>- develop a program and plan for the study of population health indicators at the group and population levels;</p> <p>- conduct selective medical and social research: collection, statistical processing and analysis of information on</p>	<p>- methods of maintaining medical accounting and reporting documentation in medical and preventive institutions;</p> <p>- methodology for calculating and analyzing population health indicators (medical and demographic, morbidity, disability, physical development); methods</p>

		and hygienic education of the population.		<p>competence – 2 Be able to develop a plan of organizational and methodological measures aimed at raising awareness of the population about a healthy lifestyle, its literacy in the prevention of infectious and non-communicable diseases in children.</p> <p>Achievement indicator - 3 General professional competence – 2 Be able to prepare an oral presentation or printed text that promotes a healthy lifestyle and increases the literacy of the population in the prevention of diseases.</p>	<ul style="list-style-type: none"> - methodology for studying the state of public health in order to preserve, strengthen and restore it; - an integrated approach to the assessment of the health of the population; - problems related to measuring the health of the population, indicators of individual health, their varieties, meaning, sources of information ; - use of statistical indicators in assessing the health status of the adult and child population and the activities of the Ministry of Health: - basic methods for calculating and analyzing population health indicators (medical and demographic indicators, morbidity indicators, disability indicators and physical development); - basic methods of calculation and analysis of performance indicators of the Ministry of Defense; - the basic tendencies of medical-demographic processes; 	<p>the state of health of the population or its individual groups;</p> <ul style="list-style-type: none"> - calculate and evaluate the main health indicators of the population using social and hygienic methods of collecting and medical and statistical analysis of information on health indicators of the population; - assess the health status of various population groups, draw up an appropriate conclusion and develop a set of therapeutic and preventive measures to improve the quality of life of the population; - use information about the health of the population and the activities of medical organizations to propose measures to improve the quality and effectiveness of medical and preventive care to the population; - participate in the organization of medical and preventive, sanitary and anti-epidemic, preventive and rehabilitation assistance to 	<p>awareness raising activities to eliminate risk factors and the formation of skills of a healthy lifestyle.</p>
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					- comprehensive prevention programs.	various groups of the population, taking into account the socio-professional and age-sexual structure of the population; - use hygienic training and education of the population in the interests of forming a healthy lifestyle, preserving, promoting health and preventing diseases among different groups of the population.	
4.	General professional competence – 2 A healthy lifestyle	It is able to carry out and monitor the effectiveness of measures for the prevention of infectious and non-communicable diseases in children, the formation of a healthy lifestyle and sanitary and hygienic education of the population	The most important diseases and their social and hygienic significance	Achievement indicator - 1 General professional competence – 2 Be able to analyze the awareness of the population about a healthy lifestyle and health literacy. Achievement indicator - 2 General professional competence – 2 Be able to develop a plan of organizational and methodological measures aimed at raising awareness of the population about a healthy lifestyle, its literacy in the prevention of infectious diseases	- fundamentals of the legislation on health care of the Russian Federation, the main policy documents defining the activities of health authorities and institutions; - legal and ethical aspects of medical activity; - regulatory and legal documentation adopted in healthcare on the issues of examination of the quality of medical care; - rules of accounting, storage and maintenance of standard accounting and reporting medical documentation in the Ministry of Defense; - fundamentals of	- to use in professional activity regulatory and legal documentation on the issues of examination of the quality of medical care; - maintain medical records of various types in outpatient and inpatient institutions; - process medical records using computer programs; - analyze the data of summary statistical forms (reports, data, etc.): the structure and levels of registered morbidity.	- methods of using regulatory and legal documentation on the examination of the quality of medical care; - rules for maintaining medical records; - methodology for calculating indicators of medical statistics in the activities of the Ministry of Health; - methodology for analyzing the activities of various institutions of the system of protection, strengthening and restoration of public health.

					preventive medicine aimed at improving the health of the population.		
5.	General professional competence – 11 Scientific and organizational Activities	Able to prepare and apply scientific, scientific and production design, organizational and management and regulatory documentation in the health care system	Medical examination Examination of temporary and permanent disability.	Achievement indicator - 1 General professional competence – 11 prepares and selects scientific, scientific and production, design, organizational and management and regulatory documentation in accordance with the specified goals of professional activity, Achievement indicator - 2 prepares draft documents in accordance with the specified goals of professional activity.	<ul style="list-style-type: none"> - fundamentals of the legislation on health care of the Russian Federation, the main policy documents defining the activities of health authorities and institutions; - legal and ethical aspects of medical activity; - basic concepts of disability examination (temporary and permanent); - levels of examination of temporary disability; - features of the organization of the examination of temporary disability in the Ministry of Defense; - types of temporary disability, terms for which documents certifying it are issued; - rules for issuing and processing documents for temporary disability; - forms of continuity and interrelation between the Ministry of Defense and social protection bodies of the population; 	<ul style="list-style-type: none"> - to use in professional activity regulatory and legal documentation on the issues of examination of the quality of medical care; - conduct an examination of temporary disability, determine its terms and issue a certificate of disability in various clinical situations; - analyze the main errors related to the determination of the terms of temporary disability, the issuance and execution of documents certifying temporary disability; - conduct a medical and social examination, determine the cause, group of disability and the period of re-examination according to modern criteria, draw up an individual rehabilitation program for a disabled person. 	<ul style="list-style-type: none"> - methods of using regulatory and legal documentation on the examination of the quality of medical care; - communication skills, taking into account the basic principles of medical ethics and deontology, to bear social and ethical responsibility for the decisions made; - draw up the main documents certifying disability (by the method of filling out the disability sheet, etc.).

					<ul style="list-style-type: none"> - structure and tasks of medical and social expertise bodies; - criteria for determining disability. - causes of disability. - organization of the examination of temporary and permanent disability in MOSCOW. 		
6.	General professional competence – 2	<p>General professional competence – 2</p> <p>It is able to carry out and monitor the effectiveness of measures for the prevention of infectious and non-communicable diseases in children, the formation of a healthy lifestyle and sanitary and hygienic education of the population.</p>	Organization of medical care for various population groups	<p>Achievement indicator - 1 General professional competence – 2 Be able to analyze the awareness of the population about a healthy lifestyle and health literacy.</p> <p>Achievement indicator - 2 General professional competence – 2 Be able to develop a plan of organizational and methodological measures aimed at raising awareness of the population about a healthy lifestyle, its literacy in the prevention of infectious and non-communicable diseases in children.</p>	<ul style="list-style-type: none"> - fundamentals of the legislation on health care of the Russian Federation, the main policy documents defining the activities of health authorities and institutions; - legal and ethical aspects of medical activity; - basic principles of medical ethics and deontology in the work of a doctor; - rules of accounting, storage and maintenance of standard accounting and reporting medical documentation in the MO; - definition of medical and preventive care; - the nomenclature of health care institutions; - structure, tasks and main activities of the MO; - forms of continuity and interrelation between institutions of 	<ul style="list-style-type: none"> - use regulatory and legal documentation in professional activities; - organize the work of medical personnel in medical organizations; - propose measures to optimize the activities of both the doctor and the medical organization as a whole and its structural divisions; - propose measures to strengthen the continuity and interconnection between all types of health care institutions in the administrative territory; - maintain medical records of various types in outpatient and inpatient institutions; - process medical records using computer programs; - analyze the activities of outpatient and inpatient MNA based on the 	<ul style="list-style-type: none"> - the main provisions of legislative documents on public health and public health; - methods of using regulatory and legal documentation on the examination of the quality of medical care; - communication skills, taking into account the basic principles of medical ethics and deontology, to bear social and ethical responsibility for the decisions made; - methods of organizing the activities of health care institutions and their structural divisions, including the organization of work with personnel; - methodology for calculating indicators of medical statistics in the activities of a medical organization; - methodology for analyzing the activities of various institutions of the system of protection, strengthening and

					<p>medical and preventive care;</p> <ul style="list-style-type: none"> - interrelation of various bodies and institutions of the system of protection, strengthening and restoration of public health; - basic management processes and technologies in healthcare and medical activities; - main policy directions in the field of public health promotion and health care reform; - sanitary and hygienic requirements for the device, organization and mode of MO; - organization of medical (outpatient and inpatient) care for various groups of urban and rural population, modern organizational forms of work and diagnostic capabilities of outpatient services; - organization of maternity and child protection; - principles of dispensary observation of various age, gender and social groups of the population; - features of the organization and main activities of the general practitioner and general practitioner; - use of statistical 	<p>calculation of their performance indicators;</p> <ul style="list-style-type: none"> - calculate and evaluate the performance of institutions for the protection of motherhood and childhood; - analyze the efficiency of using the bed fund; - evaluate the quality of outpatient and inpatient care for the population; - analyze the results of their own activities to prevent professional errors in the practice of the doctor. 	restoration of public health.
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					<p>indicators in assessing the health status of the adult and child population and the activities of the MO:</p> <ul style="list-style-type: none"> - basic methods for calculating and analyzing population health indicators (medical and demographic indicators, morbidity indicators, disability indicators and physical development); - basic methods of calculating and analyzing the performance indicators of the MO. 		
7.	General professional competence – 2	It is able to carry out and monitor the effectiveness of measures for the prevention of infectious and non-communicable diseases in children, the formation of a healthy lifestyle and sanitary and hygienic education of the population.	The organization of the Federal service for supervision of consumer rights protection and human well-being.	<p>Achievement indicator - 1 General professional competence – 2 Be able to analyze the awareness of the population about a healthy lifestyle and health literacy.</p> <p>Achievement indicator - 2 General professional competence – 2 Be able to develop a plan of organizational and methodological measures aimed at raising awareness of the population about a healthy lifestyle, its literacy in the prevention of infectious and non-communicable</p>	<ul style="list-style-type: none"> - fundamentals of the legislation on health care of the Russian Federation, the main policy documents defining the activities of health authorities and institutions; - legal and ethical aspects of medical activity; - basic principles of medical ethics and deontology in the work of a doctor; - the role and place of social and biological factors in the formation of health (public, group, family, individual) and health organization; - methodology for studying the state of public health in order to preserve, strengthen and 	<ul style="list-style-type: none"> - use regulatory and legal documentation in professional activities; - plan the study of the state of public health in relation to environmental factors, as well as the activities of the Federal Service for Supervision of Consumer Protection and Human Well-being and their structural divisions; - analyze the health indicators of the population at the group and population levels, factors affecting it; - assess the health status of various population groups, draw up an appropriate conclusion and develop a set of 	<ul style="list-style-type: none"> - the main provisions of legislative documents on public health and health care; - methods of using regulatory and legal documentation on the examination of the quality of medical care; - communication skills, taking into account the basic principles of medical ethics and deontology, to bear social and ethical responsibility for the decisions made; - methods of organizing the activities of health care institutions, their structural divisions and the Federal Service for Supervision of Consumer Rights Protection and Human Welfare, including the organization of

				<p>diseases in children.</p>	<p>restore it;</p> <ul style="list-style-type: none"> - an integrated approach to the assessment of the health of the population; - sanitary and epidemiological welfare of the population, definition of the concept; - the place and role of the Federal Service for Supervision of Consumer Rights Protection and Human Well-being in the system of public health protection, in solving prevention tasks, in ensuring the sanitary and epidemiological well-being of the population; - structure and main functions of the Federal Service for Supervision of Consumer Rights Protection and Human Welfare; - the main legislative and regulatory acts regulating the activities of the Federal Service for Supervision of Consumer Rights Protection and Human Welfare; - organization of the activities of the Federal Service for Supervision of Consumer Rights Protection and Human Welfare; - forms of interaction of the Federal Service for Supervision of Consumer Rights Protection 	<p>therapeutic and preventive measures to improve the quality of life of the population;</p> <ul style="list-style-type: none"> - use information about the health of the population and the activities of medical organizations to propose measures to improve the quality and effectiveness of medical and preventive care to the population; - participate in the organization of medical and preventive, sanitary and anti-epidemic, preventive and rehabilitation assistance to various groups of the population, taking into account the socio-professional and age-sexual structure of the population; - use hygienic training and education of the population in the interests of forming a healthy lifestyle, preserving, promoting health and preventing diseases among different groups of the population; - propose the main directions for optimizing the interaction of doctors, departments and medical institutions, and the Federal Service for Supervision of Consumer Rights 	<p>work with personnel;</p> <ul style="list-style-type: none"> - methodology for calculating the performance indicators of a medical organization and the Federal Service for Supervision of Consumer Rights Protection and Human Well-being; - methodology for analyzing the activities of various institutions of the system of protection, strengthening and restoration of public health.
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					and Human Welfare with medical organizations, local self-government bodies, enterprises, institutions, organizations and public associations; - social and hygienic monitoring, definition, purpose, main tasks.	Protection and Human Well-being in general to ensure the sanitary and epidemiological well-being of the population; - analyze the results of their own activities to prevent professional errors in the practice of the doctor.	
8.	General professional competence – 9 Quality management	Able to implement the principles of quality management in professional activities	Social insurance and social security. Health insurance.	Achievement indicator - 1 General professional competence – 9 Know the principles of quality management in professional activities	- fundamentals of the legislation on health care of the Russian Federation, the main policy documents defining the activities of health authorities and institutions; - legal and ethical aspects of medical activity; - rules of accounting, storage and maintenance of standard accounting and reporting medical documentation in a medical organization; - social insurance as a system of social guarantees; - basic forms of social insurance (medical, pension, etc.) and its principles; - types and principles of health insurance; - organization of medical insurance: the object of medical insurance (insurance risk), subjects (direct,	- use the basics of economic and legal knowledge in professional activities; - use regulatory and legal documentation in professional activities; - assess the health status of various population groups, draw up an appropriate conclusion and develop a set of therapeutic and preventive measures to improve the quality of life of the population; - use information about the health of the population and the activities of medical organizations to propose measures to improve the quality and effectiveness of medical and preventive care to the population; - analyze the results of their own activities to prevent professional errors in the	- the main provisions of legislative documents on public health and health care; - methods of using regulatory and legal documentation on the examination of the quality of medical care.

					indirect), their rights and obligations, interaction on the basis of contractual relations; - health insurance program. Basic and territorial programs of compulsory medical insurance as an integral part of the program of state guarantees for providing citizens of the Russian Federation with free medical care; - compulsory health insurance: definition, purpose, basic principles of compulsory health insurance;; - voluntary health insurance; - rights and obligations of medical organizations in the health insurance system; - features of the doctor's work when concluding contracts for the provision of medical services within the framework of mandatory and voluntary medical insurance programs with patients, with enterprises, institutions, insurance companies in accordance with the procedure established by	practice of the doctor.	
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					law.		
9	Universal competence -10 Economic culture, including financial literacy	Able to make informed economic decisions in various areas of life	<p>Fundamentals of economics, management, planning and financing of healthcare.</p> <p>Achievement indicator - 1 Universal competence -10 I am familiar with the main documents regulating economic activity; sources of financing of professional activity; principles of planning of economic activity</p> <p>Achievement indicator - 2 Universal competence -10 justifies economic decision-making, uses economic planning methods to achieve the set goals</p> <p>Achievement indicator - 3 Universal competence -10 applies economic instruments</p>	<p>- fundamentals of the legislation on health care of the Russian Federation, the main policy documents defining the activities of health authorities and institutions;</p> <p>- legal and ethical aspects of medical activity;</p> <p>- fundamentals of abstract thinking, logical and reasoned analysis</p> <p>- basic principles of organization and management in the field of public health protection, in medical organizations and their structural divisions;</p> <p>- the structure of the modern healthcare system of the Russian Federation, the activities of management bodies and medical organizations. the health care system. The role and place of health care in the economic system of society:</p> <p>- methodology for calculating the main economic indicators of medical and preventive care for the population;</p> <p>- methodology for calculating the criterion of economic</p>	<p>- use the basics of economic and legal knowledge in professional activities;</p> <p>- use regulatory and legal documentation in professional activities;</p> <p>- to think abstractly, analyze and evaluate the quality of medical care, the state of health of the population, the impact of environmental factors, lifestyle, biological factors and the organization of medical care in medical organizations;</p> <p>- analyze the results and costs of medical and economic activities of health care institutions;</p> <p>- determine the medical effectiveness and economic efficiency of medical organizations;</p> <p>- apply modern management methods in the conditions of state, municipal or private ownership of medical organizations;</p> <p>- calculate the need for the population of the territory in medical personnel and in the bed fund;</p> <p>- calculate the value of the per capita standard to</p>	<p>- the main provisions of legislative documents on public health and public health;</p> <p>- methods of using regulatory and legal documentation on the examination of the quality of medical care;</p> <p>- methods and techniques of logical and reasoned analysis, public speech, conducting discussions and polemics, editing texts of professional content, carrying out educational and pedagogical activities;</p> <p>- methods of organizing the activities of health care institutions and their structural divisions, including the organization of work with personnel;</p> <p>- consolidating indicators that characterize the degree of development of the health care economy;</p> <p>- bear social and ethical responsibility for the decisions made.</p>	

					<p>efficiency of health care;</p> <ul style="list-style-type: none"> - basic methods of clinical and economic analysis. <p>Basic terms and concepts of health management;</p> <ul style="list-style-type: none"> - methods, principles and functions of management; - the main stages of rational problem solving and factors influencing management decision - making. - Levels and methods of management decision-making in medical organizations; - the main styles of leadership. - Basic principles, methods and types of health planning. <p>Basic terms and concepts of health financing:</p> <ul style="list-style-type: none"> - types and sources of financing , - models and methods of financing health care. 	<p>ensure a deficit-free territorial program of state guarantees of free medical care;</p> <ul style="list-style-type: none"> - analyze the structure and sources of health care financing at the level of a specific territory and medical organizations; - assess the health status of various population groups, draw up an appropriate conclusion and develop a set of therapeutic and preventive measures to improve the quality of life of the population; - use information about the health of the population and the activities of medical organizations to propose measures to improve the quality and effectiveness of medical and preventive care to the population. 	
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3. Place of the discipline in the structure of the educational program

The discipline "Public health and health care, health Economics" belongs to the basic part of Block 1 " Disciplines (modules) "of the Federal state educational institution of higher education in the specialty 31.05.01" Medicine " (specialty level).

4. Scope of the discipline

№ № п/п	Kind of work	Total credit	Total hours	Семестры	
				VI	VII
				hours	hours
1	2	3	4	5	6
1.	Contact work of students with teacher (total), including:	-	118	46	72
2.	Lectures	-	36	16	20
3.	Practical class	-	82	30	52
4.	Seminars	-	-	-	-
5.	Laboratory work	-	-	-	-
6.	Independent work of a student	-	62	26	36
7.	Type of intermediate certifications	test	-	-	-
		exam	1	36	36
8.	TOTAL: Total labor intensity	hours	-	216	72
		3ET	6	2	4

5. Content of the discipline

№ п/п	№ semester's	Name of the discipline section	Types of educational activities, including independent work of students (in hours)				Forms of current monitoring of academic performance
			L	PC	IWS	Total	
1	2	3	4	5	6	7	8
1.	VI	Subject, place and role of public health and health care. Theoretical and organizational bases of healthcare.	6	-	2	8	I, TT, ST
2.	VI	Fundamentals of medical statistics.	-	24	16	40	I, TT, ST
3.	VI	Public health and its determining factors. Health indicators of the population.	6	6	6	18	I, TT, ST

4.	VI	The most important diseases and their social and hygienic significance.	4	--	2	6	I, TT, ST
5.	VII	Medical expertise. Examination of temporary and permanent disability.	4	4	6	14	I, TT, ST
6.	VII	Organization of medical care for various groups of the population.	4	12	6	22	I, TT, ST
7.	VII	The organization of the Federal service for supervision of consumer rights protection and human well-being.	2	4	4	10	I, TT, ST
8.	VII	Social insurance and social security. Medical insurance.	4	8	4	16	I, TT, ST
9.	VII	Fundamentals of Economics, management, planning and financing of healthcare.	6	24	16	46	I, TT, ST
Exam						36	
TOTAL:			36	82	62	216	

Note: I - interview, TT - test tasks, ST - situational tasks

6. The list of educational and methodological support for independent work of students in the discipline

№	The number of semester	Name of the educational and methodological development
1.	VI	Tuaeva I.B., Gabaraeva L.N., Gudsova A.P. «Examination of temporary disability». Manual for independent work for foreign students of medical faculty. Vladikavkaz, 2019.
2.	VI	Badoeva Z. A., Tuaeva I.B., Gudsova A.P., Gabaraeva L.N. «Calculation and analysis of demographic indicators». Textbook for teachers of medical schools. Vladikavkaz, 2019.
3.	VI	Бадоева З.А., Туаева И.Б., Габараева Л.Н., Гудцова А.П. «Вычисление и анализ демографических показателей». Учебное пособие для преподавателей медицинских вузов. Владикавказ, 2019 г.
4.	VII	Туаева И.Б., Габараева Л.Н., Гудцова А.П., Бадоева З.А., «Экспертиза временной нетрудоспособности». Учебное пособие для студентов, обучающихся по специальности «Лечебное дело», «Педиатрия», «Стоматология», «Медико-профилактическое дело». Владикавказ, 2019 г.
5.	VI	Tuaeva I.B., Badoeva Z. A., Gudsova A.P., Gabaraeva L.N. «A statistical aggregate. Absolute and relative values. Graphic images». Manual for independent work for foreign students of medical faculty. Vladikavkaz, 2018.
6.	VI	Tuaeva I.B., Badoeva Z. A., Gudsova A.P., Gabaraeva L.N. «Variation range, mean values. Assessment of the reliability of the research results». Manual for independent work for foreign students of medical faculty. Vladikavkaz, 2018.
7.	VI	Tuaeva I.B., Badoeva Z. A., Gudsova A.P., Gabaraeva L.N. «Correlation. Standardization». Manual for independent work for foreign students of medical faculty. Vladikavkaz, 2018.

8.	VI	Tuaeva I.B., Badoeva Z. A., Gudsova A.P., Gabaraeva L.N. «The Organization and the stages of statistical research». Manual for independent work for foreign students of medical faculty. Vladikavkaz, 2018.
9.	VI	Tuaeva I.B., Badoeva Z. A., Gudsova A.P., Gabaraeva L.N. «Health and social aspects of demography». Manual for independent work for foreign students of medical faculty. Vladikavkaz, 2018.
10.	VI	Tuaeva I.B., Badoeva Z. A., Gudsova A.P., Gabaraeva L.N. «Morbidity population». Vladikavkaz, 2018.
11.	VI	Tuaeva I.B., Gudsova A.P., Gabaraeva L.N. «Public health and healthcare, health economics». Manual for independent work for foreign students of medical faculty. Vladikavkaz, 2018.
12.	VI VII	Tuaeva I.B., Badoeva Z. A., Gudsova A.P., Gabaraeva L.N. «Collection of tests on public health and health». Manual for independent work for foreign students of medical faculty. Vladikavkaz, 2018.
13.	VI	Туаева И.Б., Бадоева З.А., Габараева Л.Н. «Медико-социальные аспекты демографии». Учебно-методическое пособие для студентов, обучающихся по специальности «Лечебное дело», «Педиатрия», «Стоматология», «Медико-профилактическое дело». Владикавказ, 2018 г.
14.	VI	Туаева И.Б., Довголис А.Н., Гудцова А.П., Магаев К.А., Габараева Л.Н. «Заболеваемость населения». Учебно-методическое пособие для студентов, обучающихся по специальности «Лечебное дело», «Педиатрия», «Стоматология», «Медико-профилактическое дело». Владикавказ, 2018 г.
15.	VI	Туаева И.Б., Довголис А.Н., Гудцова А.П., Габараева Л.Н. «Организация медицинского обслуживания сельского населения». Учебно-методическое пособие для студентов, обучающихся по специальности «Лечебное дело», «Педиатрия», «Стоматология», «Медико-профилактическое дело». Владикавказ, 2018 г.
16.	VII	Туаева И.Б., Довголис А.Н., Гудцова А.П., Магаев К.А., Габараева Л.Н. «Организация акушерско-гинекологической помощи населению». Учебно-методическое пособие для студентов, обучающихся по специальности «Лечебное дело», «Педиатрия», «Стоматология», «Медико-профилактическое дело». Владикавказ, 2018 г.
17.	VII	Туаева И.Б., Довголис А.Н., Гудцова А.П., Магаев К.А., Габараева Л.Н. «Социальное и медицинское страхование в Российской Федерации». Учебно-методическое пособие для студентов, обучающихся по специальности «Лечебное дело», «Педиатрия», «Стоматология», «Медико-профилактическое дело». Владикавказ, 2018 г.
18.	VII	Туаева И.Б., Довголис А.Н., Гудцова А.П., Магаев К.А., Габараева Л.Н. «Экономика здравоохранения как научная дисциплина». Учебно-методическое пособие для студентов, обучающихся по специальности «Лечебное дело», «Педиатрия», «Стоматология», «Медико-профилактическое дело». Владикавказ, 2018 г.
19.	VII	Туаева И.Б., Довголис А.Н., Гудцова А.П., Магаев К.А., Габараева Л.Н. «Финансирование здравоохранения». Учебно-методическое пособие для студентов, обучающихся по специальности «Лечебное дело», «Педиатрия», «Стоматология», «Медико-профилактическое дело». Владикавказ, 2018 г.
20.	VII	Туаева И.Б., Довголис А.Н., Гудцова А.П., Магаев К.А., Габараева Л.Н. «Управление в системе здравоохранения». Учебно-методическое пособие для студентов, обучающихся по специальности «Лечебное дело», «Педиатрия», «Стоматология», «Медико-профилактическое дело». Владикавказ, 2018 г.

21.	VII	Туаева И.Б., Довголис А.Н., Гудцова А.П., Магаев К.А., Габараева Л.Н. «Планирование здравоохранения». Учебно-методическое пособие для студентов, обучающихся по специальности «Лечебное дело», «Педиатрия», «Стоматология», «Медико-профилактическое дело». Владикавказ, 2018 г.
22.	VII	Туаева И.Б., Довголис А.Н., Гудцова А.П., Магаев К.А., Габараева Л.Н. «Рыночные отношения и маркетинг в здравоохранении». Учебно-методическое пособие для студентов, обучающихся по специальности «Лечебное дело», «Педиатрия», «Стоматология», «Медико-профилактическое дело». Владикавказ, 2018 г.
23.	VII	Туаева И.Б., Довголис А.Н., Гудцова А.П., Магаев К.А., Габараева Л.Н. «Формы собственности, новый хозяйственный механизм, предпринимательство и приватизация в здравоохранении». Учебно-методическое пособие для студентов, обучающихся по специальности «Лечебное дело», «Педиатрия», «Стоматология», «Медико-профилактическое дело». Владикавказ, 2018 г.
24.	VI VII	Туаева И.Б., Довголис А.Н., Гудцова А.П., Магаев К.А., Габараева Л.Н. «Методические рекомендации для выполнения самостоятельной внеаудиторной работы студентов к практическим занятиям по общественному здоровью и здравоохранению, экономике здравоохранения». Учебно-методическое пособие для студентов лечебного, педиатрического и стоматологического факультетов. Владикавказ, 2018 г.
25.	VI VII	Туаева И.Б., Довголис А.Н., Гудцова А.П., Габараева Л.Н. «Сборник тестовых заданий по общественному здоровью и здравоохранению». Учебно-методическое пособие для студентов, обучающихся по специальности «Лечебное дело», «Педиатрия», «Стоматология», «Медико-профилактическое дело». Владикавказ, 2018 г.
26.	VI	Бадоева З.А., Габараева Л.Н., Довголис А.Н. Организация амбулаторно-поликлинической помощи детям. Учебно-методическое пособие по медицинской статистике для студентов, обучающихся по специальности «Лечебное дело», «Педиатрия», «Медико-профилактическое дело», «Стоматология». Владикавказ, 2016.
27.	VI	Бадоева З.А., Габараева Л.Н., Магаев К.А., Довголис А.Н. Медицинская статистика Учебно-методическое пособие по медицинской статистике для студентов, обучающихся по специальности «Лечебное дело», «Педиатрия», «Медико-профилактическое дело», «Стоматология». Владикавказ, 2016.
28.	VII	Бадоева З.А., Магаев К.А., Габараева Л.Н. Организация государственной санитарно-эпидемиологической службы в Российской Федерации Учебно-методическое пособие по медицинской статистике для студентов, обучающихся по специальности «Медико-профилактическое дело». Владикавказ, 2015.
29.	VI	Бадоева З.А., Еналдиева С.С., Габараева Л.Н., Гудцова А.П. Вычисление относительных величин. Учебное пособие по медицинской статистике для преподавателей. Владикавказ, 2015.
30.	VI	Гудцова А.П., Габараева Л.Н., Бадоева З.А. Корреляция. Вычисление коэффициента корреляции рангов и оценка его достоверности Учебно-методическое пособие по медицинской статистике для преподавателей. Владикавказ, 2015.
31.	VI	Бадоева З.А., Гудцова А.П. Вычисление стандартизованных показателей Учебно-методическое пособие по медицинской статистике для преподавателей. Владикавказ, 2015.

7. Fund of evaluation funds for conducting intermediate certification of students in the discipline

№ п/п	List of competencies	№ semester's	Indicator (s) assessments	Evaluation criteria (s)	Rating scale	Name FOS
1	2	3	4	5	6	7
1.	Universal competence -1 Universal competence -3 Universal competence -10 General professional competence – 2 General professional competence – 9 General professional competence – 11	VI, VII	See the standard for evaluating the quality of education approved by the Order OF the Ministry of health of the Russian Federation from (Pr.№264/o from 10.07.2018 year)	See the standard for evaluating the quality of education approved by the Order OF the Ministry of health of the Russian Federation from (Pr.№264/o from 10.07.2018 year)	See the standard for evaluating the quality of education approved by the Order OF the Ministry of health of the Russian Federation from (Pr.№264/o from 10.07.2018 year)	Test task, situational tasks, examination fees for the examination; the exam fees for the practical skills

8. List of basic and additional educational literature required for the development of the discipline

№ п.п.	Имя	Авторы	Год и место публикации	Количество копий		Название ЭБС
				в библиотеке	на кафедре	ссылка на ЭБС
1	2	3	4	5	6	7
Основная литература						
1.	Общественное здоровье и здравоохранение: учебник	Лисицын Ю.П., Улумбекова Г.Э.	М.: ГЭОТАР- Медиа, 2015	30		«Консультант студента» http://www.studmedlib.ru/book/ISBN9785970430521.html
2.	Общественное здоровье и здравоохранение: учебник	Лисицын Ю.П.	М.: ГЭОТАР- Медиа, 2007	7		
3.	Общественное здоровье и здравоохранение: учебник	Медик В.А., Юрьев В.К..	М.: ГЭОТАР- Медиа, 2014			«Консультант студента» http://www.studmedlib.ru/book/ISBN9785970430521.html
4.	Общественное здоровье и здравоохранение:	Медик В.А., Юрьев В.К.	М.: ГЭОТАР- Ме диа, 2012	104		

	учебник					
5.	Экономика здравоохранения: учеб.пособие	ред. А.В. Решетников	М.: ГЭОТАР-Мед, 2003, 2007, 2010	28		«Консультант студента» http://www.studmedlib.ru/book/ISBN9785970430521.html
Дополнительная литература						
1.	Основы экономики здравоохранения: учеб.пособие	ред. Н.И. Вишнякова	М.: МЕДпресс-информ, 2014.	1		
2.	Общественное здоровье и здравоохранение: руководство к практическим занятиям	Медик В.А., Лисицын В.И., Токмачев М.С.	М.: ГЭОТАР-Медиа, 2012	102		
3.	Общественное здоровье и здравоохранение, экономика здравоохранения: учебник в 2 т.	ред. В.З.Кучеренко	М.: ГЭОТАР-Медиа, 2013		1	
4.	Применение методов статистического анализа для изучения общественного здоровья и здравоохранения: учеб.пособие для практических занятий	ред. В.З. Кучеренко	М.: ГЭОТАР-Медиа, 2006	108		
5.	Общественное здоровье и здравоохранение: учебник	ред. В.А. Миняев, ред. Н.И. Вишняков	М.: МЕДпресс-информ, 2004	10		
6.	Общественное здоровье и здравоохранение: учебник	ред. В.А. Миняев, ред. Н.И. Вишняков	М.: МЕДпресс-информ, 2003	8		
7.	Общественное здоровье и здравоохранение: учебник	Лисицын Ю.П., Полунина Н.В.	М.: Медицина, 2002	110		
8.	Социальная гигиена (медицина) и организация здравоохранения	ред. Ю.П. Лисицын	Казань, 1999	19		
9.	Руководство к практическим занятиям по социальной гигиене и организации здравоохранения	ред. Ю.П. Лисицын	М.: Медицина 1984	410		

10.	Социальная гигиена и организация здравоохранения. учебник	ред. А.Ф. Серенко	М.: Медицина 1984	300		
11.	Федеральный закон от 21.11.2011 № 323-ФЗ «Об основах охраны здоровья граждан в Российской Федерации»					Г АРАНТ.РУ Информационно-правовой портал
12.	Федеральный закон от 29.11.2010 № 326-ФЗ «Об обязательном медицинском страховании в Российской Федерации»					Г АРАНТ.РУ Информационно-правовой портал
13.	Федеральный закон от 30.03.1999 № 52-ФЗ «О санитарно-эпидемиологическом благополучии населения»					Г АРАНТ.РУ Информационно-правовой портал
14.	Журнал «Проблемы социальной гигиены, здравоохранения и истории медицины»					
15.	Журнал «Здравоохранение Российской Федерации»					
16.	Журнал «Экономика здравоохранения» 2009-2013 г.г.					
17.	Сборник нормативно-правовых актов, регулирующих трудовые отношения в сфере здравоохранения	Шипова В.М.	М.: ГЭОТАР-Медиа, 2015			«Консультант студента» http://www.studmedlib.ru/ru/book/IS BN9785970430521.html
18.	Современные подходы к планированию и развитию сети медицинских организаций	Шипова В.М.	М.: ГЭОТАР-Медиа, 2014			«Консультант студента» http://www.studmedlib.ru/ru/book/IS BN9785970430019.html
19.	Медико-экономическая оценка	Шипова В.М.	М.: ГЭОТАР-Медиа, 2014			«Консультант студента»

	диспансеризации					http://www.studmedlib.ru/ru/book/ISBN9785970430514.html
20.	Организационно правовые основы деятельности Федеральной службы по надзору в сфере защиты прав потребителей и благополучия человека (Роспотребнадзор): учеб. пособие	Кучеренко В.З.	М.: ГЭОТАР-Медиа, 2011			«Консультант студента» http://www.studmedlib.ru/ru/book/ISBN9785970418482.html



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9. List of resources of the information and telecommunications network "Internet", necessary for the development of the discipline

1. Student consultant <http://www.studmedlib.ru>
2. EBC BookUP
3. Official website of the Ministry of health of RSO-Alania <http://minzdrav.rso>
4. <http://studopedia.ru>

10. Guidelines for students on the development of the discipline

Training consists of contact work (118 hours.), including a lecture course and practical classes, and independent work (62 hours.).

The student's work in a group creates a sense of collectivism and sociability.

Independent work contributes to the formation of accuracy and discipline.

Independent work with literature, writing essays form the ability to analyze medical and social problems, the ability to use natural science, biomedical and clinical Sciences in various types of professional and social activities.

Various types of educational work, including independent work of the student, contribute to mastering the culture of thinking, the ability to logically correct its results in written and oral speech; readiness to form a systematic approach to the analysis of medical information, the perception of innovations; form the ability and readiness for self-improvement, self-realization, personal and subject reflection.

Various types of educational activities form the ability to re-evaluate the accumulated experience, analyze their capabilities, the ability to acquire new knowledge, use various forms of training, information and educational technologies in the context of the development of science and practice.

When studying the discipline, it is necessary to use the main and additional recommended literature. Practical classes are conducted in the form of an interview (an oral survey during the class), checking the completion of written homework, answers to test tasks, evaluating students' knowledge and skills based on the results of solving situational problems, conducting business games and tests.

In accordance with the requirements of the Federal state educational system IN the specialty 31.05.01 "Medical care" in the educational process, active and interactive forms of classes are used (videos, situational

tasks, independent extracurricular work). The share of classes held in interactive forms is 50% of classroom classes.

Work with educational literature is considered as a type of educational work in the discipline "Public health and health Economics" and is performed within the hours allocated for its study (in the section of the SRS).

Each student is provided with access to the library collections of the Academy and the Department.

11. List of information technologies used in the implementation of the educational process in the discipline

Microsoft Office
PowerPoint
Acrobat Reader
Internet Explorer
THE GUARANTOR.ROO
Information and legal portal
"Student Consultant»

12. Description of the material and technical base necessary for the implementation of the educational process in the discipline

As the material and technical base of the Department, there are training rooms with a total area of 111.1 m².

The study rooms have been renovated, meet sanitary and hygienic requirements, include 40 student tables, 80 chairs, 4 blackboards (satisfactory condition).

№ п/п	Name of the equipment	Quantity	Technical condition
1	2	3	4
Special equipment			
1.	a laptop	3	satisfactory
2.	multimedia projector	2	satisfactory
3.	student Board	4	satisfactory

13. Conducting educational activities using e-learning and distance learning technologies

In the context of the introduction of restrictive measures (quarantine) associated with an unfavorable epidemiological situation, the threat of the spread of a new coronavirus infection and other force majeure events that do not allow full-time training, it is possible to study this discipline or part of it using e-learning and distance educational technologies.

Teaching the discipline in the above situations will be carried out through the development of an electronic course with access to video lectures and interactive course materials: presentations, articles, additional materials, tests and various assignments. When conducting training sessions, monitoring progress, as well as intermediate certification of students, platforms of the electronic information and educational environment of the academy and / or other e-learning systems recommended for use in the academy, such as Moodle, Zoom, Webinar, etc.

Lectures can be presented in the form of audio, video files, "live lectures", etc.

Conducting seminars and practical classes is possible in on-line mode both in synchronous and asynchronous modes. Seminars can be conducted in the form of web conferences.