

ЛД-21 ИИ

Federal State Budgetary Educational Institution of Higher Education
«North-Ossetia State Medical Academy»
of the Ministry of Healthcare of the Russian Federation

Department of general hygiene and physical culture

APPROVED

Rector of FSBEI HE NOSMA

MOH Russia



O.V. Remizov

«30» March 2022

EDUCATIONAL TRAINING PROGRAM OF DISCIPLINE

HYGIENE

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 years
Department of	general hygiene and physical culture

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 ЛД-21-01-21 ИИ, 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 “30” March 2022, Protocol № 6

The educational training program of the discipline was approved at a meeting of the general hygiene and physical culture from "16" March, 2022, Protocol №.8

The educational training program of the discipline was approved at a meeting of the central coordinating training and methodological council from "22" 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 “30” March 2022, Protocol № 6

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Contents of the working program

1. Name of discipline;
2. The list of the planned results of training in discipline correlated to the planned results of development of the educational program;
3. The indication of the place of discipline in structure of the educational program;
4. Discipline volume in test units with the indication of number of the class or astronomical clock allocated for contact work of students with the teacher (by types of studies) and for independent work of students;
5. The content of discipline structured on subjects (sections) with the indication of the number of the class or astronomical clock and types of studies which is taken away on them;
6. The list of educational and methodical providing for independent work of students on discipline;
7. Fund of estimated means for carrying out intermediate certification of students for discipline;
8. List of the main and additional educational literature necessary for development of discipline;
9. The list of resources of the Internet (further - Internet network), necessary for development of discipline;
10. Methodical instructions for students on development of discipline;
11. The list of the information technologies used at implementation of educational process on discipline including the list of the software and information help systems (if necessary);
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2. The list of planned results of training in the discipline and the results of mastering of the educational program

n/ №	Number/ Index competen ces	Content of the competence (or part of it)	Topic of the lesson (section)	Indicators of competence achievement	The results of the mastering		
					know	be able to	master
1	2.	3.	4.	5.	6.	7.	8.
1	UK-1	He is able to carry out a critical analysis of problem situations based on a systematic approach, to develop a strategy for action	Environment and its influence on an organism. Natural and anthropogenous changes of the environment. Hygienic and environmental problems of the modern city	IA-1 UK-1. Identify problem situations and search for the necessary information to solve problems in the professional field.	Environment factors, features of their influence on the body. Regulatory documents used in hygiene. Fundamentals of preventive medicine and sanitary and educational work.	To identify and characterize environmental factors that have a positive and negative impact on the body in specific conditions of life. Conduct hygienic education and training of the population to create optimal living conditions, eliminate environmental risk factors for health	Methods for evaluating indicators of physical factors of the air environment, microclimate, illumination, drinking water quality, determination of the bio-dose of ultraviolet radiation. Methods of conducting sanitary-educational work.
2.	UK-1	He is able to carry out a critical analysis of problem situations based on a systematic approach, to develop a strategy for action	Nutrition as a factor in maintaining and promoting health	IA-1 UK-1. Identify problem situations and search for the necessary information to solve problems in the professional field.	Fundamentals of rational nutrition and its importance for the human body. Diseases associated with eating disorders. Food poisoning, their classification, features of clinical manifestations.	To assess the usefulness of the food ration of various population groups. Evaluate food quality indicators. Conduct an investigation of food poisoning	Methods of assessing the fullness of food, sanitary and hygienic examination of food products, investigation food poisoning.

	GPC-2	It is able to carry out and monitor the effectiveness of prevention measures, the formation of a healthy lifestyle and sanitary and hygienic education of the population		<p>IA-1 GPC-2 Analyzes the awareness of the population about a healthy lifestyle and health literacy.</p> <p>IA-2 GPC-2 Develops 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 the adult population</p> <p>IA-3 GPC-2 Develops an oral presentation or printed text that promotes a healthy lifestyle and increases the literacy of the population in the prevention of diseases.</p>	The importance of the nutrition factor for the child's health, the macro - and micronutrient composition of food in ensuring the vital activity of the body, the prevention of food poisoning. Fundamentals of sanitary and educational work with various groups of the population.	Evaluate the positive and negative effects of nutrition on the body of a healthy and sick person. Conduct sanitary and educational work on the organization of rational nutrition, prevention of food poisoning	Methods for assessing the diet, diagnosing prenosological manifestations associated with eating disorders. Various technologies of organizing sanitary and educational work. Methods of organizing preventive work with the population on nutrition issues.
3.	GPC-2	It is able to carry out and monitor the effectiveness of prevention measures, the formation of a healthy lifestyle and sanitary and hygienic education of the population	Healthy lifestyle	<p>IA-1 GPC-2 Analyzes the awareness of the population about a healthy lifestyle and health literacy.</p> <p>IA-2 GPC-2 Develops 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 the adult population</p> <p>IA-3 GPC-2 Develops an oral presentation or printed text that promotes a healthy lifestyle and increases the literacy of the population in the prevention of diseases.</p>	Fundamentals of a healthy lifestyle and rules of personal hygiene. Rules of care for the body, hair, and oral cavity. Hygiene of clothing and shoes. Skin hygiene. Questions of psychohygiene. Rules for maintaining cleanliness and hygiene in the home. Questions of hypokinesia, hypodynamia.	Perform preventive measures on personal hygiene issues, conduct sanitary and educational work among various population groups within the framework of a healthy lifestyle.	Various technologies of organizing and conducting sanitary educational work.

	PC-5	Conducting and monitoring the effectiveness of measures for the prevention and formation of a healthy lifestyle and sanitary and hygienic education of the population		IA-8 PC-5 Develops and implements programs for the formation of a healthy lifestyle, including programs for reducing alcohol and tobacco consumption, preventing and combating non-medical use of narcotic drugs and psychotropic substances	Fundamentals of preventive medicine, factors that shape human health. Principles of tempering and physical education. Fundamentals of rational nutrition, occupational health (work and rest regime). Fight against smoking and alcoholism.	Identify and characterize the factors that have a positive and negative impact on human health in specific conditions of life.	Methods for assessing environmental factors, assessing the usefulness of the food ration, conducting hardening procedures, etc. Methods of sanitary and educational work.
4	UK-1	He is able to carry out a critical analysis of problem situations based on a systematic approach, to develop a strategy for action	Work as an integral part of human existence and its positive and negative impact on health	IA-1 UK-1. Identify problem situations and search for the necessary information to solve problems in the professional field.	Fundamentals of occupational hygiene and physiology. Hygienic classification of conditions, the nature of work, harmful production factors, their impact on the body of workers. The main directions of prevention of negative impact.	Identify and evaluate the leading adverse factors in the specific conditions of the production environment, develop a set of health measures in the workplace.	Methods for assessing the factors of the labor process and the conditions of the production environment. Methods for assessing functional shifts and health disorders in the body of workers.
	PC-5	Conducting and monitoring the effectiveness of measures for the prevention and formation of a healthy lifestyle and sanitary and hygienic education of the population		IA-5 PC-5. Prescribes preventive measures to patients taking into account risk factors for the prevention and early detection of diseases, including socially significant diseases	Fundamentals of the formation of occupational and production-related diseases. Fundamentals of sanitary and educational work.	To carry out sanitary and educational work on occupational health issues, to organize health-improving activities in the workplace	Methods of conducting sanitary and educational work.
5.	UK-1	He is able to carry out a critical analysis of problem situations based on a systematic approach, to develop a strategy for	Hygiene of medical and preventive organizations	IA-1 UK-1. Identify problem situations and search for the necessary information to solve problems in the professional field	Fundamentals of occupational hygiene and physiology. The main hazards encountered in production, classification of working conditions, mechanisms of influence of industrial and professional factors on the body of workers, the main	Assess the adverse factors of the production environment, develop a set of health measures in the workplace.	Methods for evaluating factors of the labor process and the production environment that affect the health of employees, functional shifts in the body at work.

		action			directions of prevention of harmful effects.		Methods of conducting sanitary-educational work.
6.	UK-1	He is able to carry out a critical analysis of problem situations based on a systematic approach, to develop a strategy for action	Hygienic foundations for ensuring the normal development and high level of health of the child population	IA-1 UK-1. Identify problem situations and search for the necessary information to solve problems in the professional field	The main legislative and regulatory documents on the protection of children's health. Anatomical and physiological features of the body of children and adolescents, the main patterns of growth and development. Factors that shape the health of children and adolescents. Diseases and health disorders associated with exposure to harmful environmental factors.	Identify, characterize and evaluate the factors that have a positive and negative impact on the body of children and adolescents in specific conditions of life. Evaluate physical development as a component of the health of children and adolescents.	Methods for assessing environmental factors that affect the health of children and adolescents. Methods of research and evaluation of the physical development of children and adolescents.
	GPC-2	It is able to carry out and monitor the effectiveness of prevention measures, the formation of a healthy lifestyle and sanitary and hygienic education of the population		IA-1 GPC-2 Analyzes the awareness of the population about a healthy lifestyle and health literacy. IA-2 GPC-2 Develops 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 the adult population IA-3 GPC-2 Develops an oral presentation or printed text that promotes a healthy lifestyle and increases the literacy of the population in the prevention of diseases.	Fundamentals of preventive medicine related to the preservation and strengthening of the health of children and adolescents, the principles of forming a healthy lifestyle. Fundamentals of sanitary and educational work with children and their parents	Organize and monitor preventive measures to improve the environment and promote the health of the child population. Conduct sanitary and educational work among children, adolescents and their parents.	Methods of carrying out preventive work with children and their parents. Technologies of sanitary and educational work with children, adolescents and their parents.
8.	UK-1	He is able to carry out a critical analysis	Hygiene in extreme situations and	IA-1 UK-1. Identify problem situations and search for the necessary information to solve	Types of emergencies and catastrophes, conditions and causes of their occurrence,	Organize sanitary and hygienic measures in certain emergencies and	Methods of hygienic assessment of environmental factors

		of problem situations based on a systematic approach, to develop a strategy for action	disasters	problems in the professional field	characteristics. The specifics of people's accommodation, catering and water supply in emergency situations and catastrophes	catastrophes. Carry out prevention of negative health consequences due to pollution of environmental objects.	in emergencies and catastrophes. Technologies for organizing preventive work with the population
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3. The place of discipline in structure of the educational program

The discipline "Hygiene" belongs to the required part Block 1 FGOS in the specialty 31.05.01 "Medical business".

4. Discipline volume

№ /p	Type of work		In total test units	In total hours	Semester	
					№ IV	№ V
					hours	hours
1	2		3	4	5	6
1	Contact work of students with teacher (everything), including:		-	156	78	78
2	Lectures (L)		-	36	18	18
3	Practical lessons (PL)		-	120	60	60
4	Seminars (C)		-	-	-	-
5	Laboratory Works (LW)		-	-	-	-
6	Independent Work of the Student (IWS)		-	60	30	30
7	Type of intermediate certifications					
		examination (E)	examination	36	-	36
8	TOTAL: The general labor input	hours		252	108	144
		ZET	7,0		3,0	4,0

5. Content of discipline

№№ п/п	№ semester	Name of a subject (section) of discipline	Types of educational activity (in hours)				Forms of the current control of progress
			L	PL	IWS	IN TOTAL	
1	2	3	4	5	6	7	8
1.	IV	Environment and its influence on an organism. Natural and anthropogenous changes of the environment. Hygienic and environmental problems of the modern city	8	28	12	48	I, T, ST
2.	IV	Nutrition as a factor in maintaining and promoting health	8	26	12	46	I, T, ST
3.	IV	Healthy lifestyle	2	6	6	14	I, T, ST
4.	V	Work as an integral part of human existence and its positive and negative impact on health	8	18	12	38	I, T, ST
5.	V	Hygiene of medical and preventive organizations	4	10	4	18	I, T, ST
6.	V	Hygienic foundations for ensuring the normal development and high level of health of the child population	6	20	10	36	I, T, ST
7.	V	Hygiene in extreme situations and disasters	-	12	4	16	I, T, ST
		TOTAL:	36	120	60	216	

6. List of educational and methodological support for independent work of students in discipline

№/n	Semester number	Name of the teaching methodical development
1.	IV	A.R. Kusova, E.G. Cyldas. Methodical recommendations for practical classes for students of the medical faculty engaged in the educational program partially implemented in English "Methods for the integrated assessment of the effect on the body of meteorological factors. Hygienic problems of the air environment". 2016.
2.	IV	A.R. Kusova, E.G. Cyldas. Methodical recommendations for practical classes for students of the medical faculty engaged in the educational program partially implemented in English "Solar radiation and its hygienic value."2016.
3.	IV	A.R. Kusova, E.G. Cyldas. Methodical recommendations for practical classes for students of the medical faculty involved in the educational program partially implemented in English "Ecological and hygienic problems of the hydrosphere."2016.
4.	IV	A.R. Kusova, E.G. Cyldas. Methodical recommendations for practical classes for students of the medical faculty engaged in the educational program partially implemented in English" Ways to improve the quality of water."2016.
5.	IV	A.R. Kusova, E.G. Cyldas. Methodical recommendations for practical classes for students of the medical faculty engaged in the educational program partially implemented in English "Fundamentals of rational nutrition."2016.
6.	IV	A.R. Kusova, E.G. Cyldas. Educational-methodical manual for practical classes for students of the medical faculty, involved in the educational program partially implemented in English "The quality and safety of food. Food poisoning and their prevention. " 2016.
7.	IV	A.R. Kusova, E.G. Cyldas. Methodical recommendations for practical classes for students of the medical faculty involved in the educational program partially implemented in English "Ecological and hygienic soil problems". 2016.
8.	V	A.R. Kusova, E.G. Cyldas. Methodical recommendations for practical classes for students of the medical faculty engaged in the educational program partially implemented in English "The use of anthropometric methods in the" Hygiene of Children and Adolescents ". 2016.
9.	V	A.R. Kusova, E.G. Cyldas. Methodical recommendations for practical classes for students of the medical faculty engaged in the educational program partially implemented in English Tempering of children and adolescents."2016.
10.	V	A.R. Kusova, E.G. Cyldas. Methodical recommendations for practical classes for students of the medical faculty engaged in the educational program partially implemented in English "Physical education of children and adolescents."2016.
11.	V	A.R. Kusova, E.G. Cyldas. Methodical recommendations for practical classes for students of the medical faculty engaged in the educational program partially implemented in English "Fundamentals of labor physiology. Occupational hazards and health measures in the workplace ". 2016.
12.	V	A.R. Kusova, E.G. Cyldas. Methodical recommendations for practical classes for students of the medical faculty engaged in the educational program partially implemented in English "Hygienic assessment and methods for studying noise and vibration."2016.
13.	V	A.R. Kusova, E.G. Cyldas. Methodical recommendations for practical classes for students of the medical faculty engaged in the educational program partially implemented in English "Hygienic assessment of industrial dust."2016.
14.	V	A.R. Kusova, E.G. Cyldas. Methodical recommendations for practical classes for students of the medical faculty engaged in the educational program partially implemented in English "Production factors of chemical nature."2016.

15.	V	A.R. Kusova, E.G. Cyldas. Methodical recommendations for practical classes for students of the medical faculty engaged in the educational program partially implemented in English "Hygiene of medical and preventive organizations". 2016.
16.	V	A.R. Kusova, E.G. Cyldas. Methodical recommendations for practical classes for students of the medical faculty engaged in the educational program partially implemented in English "Fundamentals of radiation hygiene."2016.
17.	V	A.R. Kusova, E.G. Cyldas. Methodical recommendations for practical classes for students of the medical faculty engaged in the educational program partially implemented in English «Fundamentals of occupational medicine» 2018
18.	V	A.R. Kusova, E.G. Cyldas. Methodical recommendations for practical classes for students of the medical faculty engaged in the educational program partially implemented in English «Influence of production factors on the body of workers, prevention of their adverse effects» 2018
19.	V	A.R. Kusova, E.G. Cyldas. Methodical recommendations for practical classes for students of the medical faculty engaged in the educational program partially implemented in English «Methods of hygienic assessment of physical development of children and adolescents» 2018
20	V	A.R. Kusova, E.G. Cyldas, I.K. Bitarova Methodical recommendations for practical classes for students of the medical faculty engaged in the educational program partially implemented in English «Drinking water. Hygiene of water supply of populated areas» 2020
21	V	A.R. Kusova, E.G. Cyldas, A.R.Nanieva Methodical recommendations for practical classes for students of the medical faculty engaged in the educational program partially implemented in English «Drinking Water Quality improvement methods» 2020
22	V	E.G. Cyldas. Methodical recommendations for practical classes for students of the medical faculty engaged in the educational program partially implemented in English «Healthyifestyle» 2020

7. Fund of estimated means for carrying out intermediate certification of students for discipline

№/п	List of competences	№ semester	Indicator(s) estimations	Criterion(a) of Estimation	Estimation scale	Name FOS
1	2	3	4	5	6	7
1	UC-1 He is able to carry out a critical analysis of problem situations based on a systematic approach, to develop a strategy for action	IV–V	See the standard of assessment of quality of education, The order of SEI VPO SOGMA Russian Ministry ofHealth of 20.08.2014, No. 211/about 10.07.2018 г., № 264/o	See the standard of assessment of quality of education, The order of SEI VPO SOGMA Russian Ministry ofHealth of 20.08.2014, No. 211/about 10.07.2018 г., № 264/o	See the standard of assessment of quality of education, The order of SEI VPO SOGMA Russian Ministry ofHealth of 20.08.2014, No. 211/about 10.07.2018 г., № 264/o	Test tasks, situational tasks, exam tickets
2	GPC-2 It is able to carry out and monitor the effectiveness of prevention measures, the formation of a healthy lifestyle and sanitary and hygienic education of the population	IV–V	See the standard of assessment of quality of education, The order of SEI VPO SOGMA Russian Ministry ofHealth of 20.08.2014, No. 211/about 10.07.2018 г., № 264/o	See the standard of assessment of quality of education, The order of SEI VPO SOGMA Russian Ministry ofHealth of 20.08.2014, No. 211/about 10.07.2018 г., № 264/o	See the standard of assessment of quality of education, The order of SEI VPO SOGMA Russian Ministry ofHealth of 20.08.2014, No. 211/about 10.07.2018 г., № 264/o	Test tasks, situational tasks, exam tickets
3	PC-5 - Conducting and monitoring the effectiveness of measures for the prevention and formation of a healthy lifestyle and sanitary and hygienic education of the population	IV–V	See the standard of assessment of quality of education, The order of SEI VPO SOGMA Russian Ministry ofHealth of 20.08.2014, No. 211/about 10.07.2018 г., № 264/o	See the standard of assessment of quality of education, The order of SEI VPO SOGMA Russian Ministry ofHealth of 20.08.2014, No. 211/about 10.07.2018 г., № 264/o	See the standard of assessment of quality of education, The order of SEI VPO SOGMA Russian Ministry ofHealth of 20.08.2014, No. 211/about 10.07.2018 г., № 264/o	Test tasks, situational tasks, exam tickets

8. Перечень основной и дополнительной учебной литературы, необходимой для освоения дисциплины

п/№	Наименование	Автор (ы)	Год, место издания	Кол-во экземпляров	
				в библиотеке	на кафедре
1	2	3	4	5	6
Основная литература					
1.	General hygiene	Th. Storey	New York, 1920	40	2
Дополнительная литература					
2.	Гигиена: учебник	Румянцев Г.И.	М.: ГЭОТАР 2009	150	2
				«Консультант студента» http://studmedlib.ru/ru/book/ISBN9785970428627.html	
3.	Гигиена и основы экологии человека: учебник	Пивоваров Ю.П., Королик В.В., Зиневич Л.С.	М.: Академия, 2004, 2006, 200	37	-
4.	Руководство к лабораторным занятиям по гигиене и основам экологии человека	Пивоваров Ю.П., Королик В.В.	М.: Академия, 2008	193	1
5.	Гигиена. Compendium: учебное пособие	Архангельский В.И. Мельниченко П. И.	М.: ГЭОТАР-Медиа, 2012	16	1
6.	Гигиена труда: учебник	Ред. Измерова Н.Ф.	М.: ГЭОТАР-Медиа, 2010	30	2
			М.: ГЭОТАР-Медиа, 2008	52	2
7.	Гигиена труда. Руководство к практическим занятиям: учебное пособие	Кирюшин В.А., Большаков А.М., Моталова Т.В.	М.: ГЭОТАР-Медиа, 2011	32	1
8.	Коммунальная гигиена, т. 1: учебное пособие	Под редакцией Мазаева В.Т.	М.: ГЭОТАР-Медиа, 2006	21	1
9.	Гигиена питания: учебник	Королев, А. А.	М.: Академия, 2006, 2014	63	2
10.	Гигиена детей и подростков: учебник	Кучма В.Р.	М.: ГЭОТАР-Медиа, 2013	2	1
			М.: Медицина 2010	53	1

Заведующая библиотекой
ФГБОУ ВО СОГМА
Минздрава России

В. Козмаева

9. List of resources of the Internet, necessary for development of discipline

"Student's consultant"

<http://www.studmedlib.nj/nj/book/ISBN9785970426234.html>
<http://www.studmedlib.nj/nj/book/ISBN9785970413821.html>
<http://www.studmedlib.m/m/book/ISBN9785970426425.html>
<http://www.studmedlib.nj/nj/book/ISBN9785970420423.html>
<http://www.studmedlib.nj/nj/book/ISBN9785970418444.html>
<http://www.studmedlib.nj/nj/book/ISBN9785970415931.html>
<http://www.studmedlib.nj/nj/book/ISBN9785970422441.html>
<http://www.studmedlib.nj/nj/book/ISBN9785970416464.html>
<http://www.studmedlib.nj/nj/book/ISBN5225046916.html>
<http://www.studmedlib.nj/nj/book/ISBN9785970408520.html>
<http://www.studmedlib.nj/nj/book/ISBN9785970414835.html>
<http://www.studmedlib.nj/nj/book/ISBN9785970411698.html>

10. Methodical instructions for students on development of discipline

Training consists of the contact work (156 h) including a lecture (36 h) course and a practical training (120h) and independent work (60 h)

According to modern requirements wide use in educational process of active and interactive forms of training (computer simulations, business and role-playing games, analysis of specific situations, the solution of situational tasks, group discussions) in combination with out-of-class work with the purpose of formation and development of professional skills of students is provided. Specific weight of the classes given in interactive forms makes 12% of contact work.

Independent work of students means preparation for a practical training and includes studying of special literature on a subject (the recommended textbooks, methodical grants, also acquaintance with the materials published in monographs, specialized magazines on the recommended medical websites is desirable). Work with educational literature is considered as a type of study on discipline and is carried out within the hours allotted on its studying. Each student is provided with access to library stocks of department and higher education institution.

According to each section at department methodical recommendations for students, and also methodical instructions for teachers are developed.

Independent work with literature, writing of papers create ability to analyze medical and social problems, ability to use in practice of natural-science, medicobiological and clinical sciences in different types of professional and social activity.

Different types of study, including independent work of the student, promote mastering culture of thinking, ability in written and oral speech it is logically correct to issue its results; readiness for formation of system approach to the analysis of medical information, perception of innovations; create ability and readiness for self-improvement, self-realization, a personal and subject reflection.

Different types of educational activity create ability in the conditions of development sciences and practitioners to revaluation of the accumulated experience, the analysis of the opportunities, ability to acquire new knowledge, to use various forms of education, information and education technologies.

Initial level of knowledge of students is defined by testing, the current control of assimilation of a subject is defined by oral poll during a practical training, at the solution of standard situational tasks and test control tasks.

Final control of knowledge is carried out at examination on a basis to rating system in the form of an interview, test poll and control of practical skills.

11. The list of the information technologies used at implementation of educational process on discipline

Microsoft Office
 Power Point Acrobat
 Reader Internet Explorer
 Information and legal Guarantor system
 Information and legal Consultant system

12. Description of the material and technical resources necessary for implementation educational process on discipline

The basis for department of the general hygiene and physical culture is located in the educational case No. 2 of State-funded educational institution of higher education "The North Ossetian state medical academy" of the Russian Ministry of Health.

The division of department of the general hygiene is located in the case No. 2, on the third floor. The total area of educational and laboratory base makes 2226.57 sq.m, including 189.8 sq.m - educational, 194.1 sq.m - educational and auxiliary.

Educational rooms are repaired, conform to sanitary and hygienic requirements.

№/п	Name of the equipment	Quantity	Technical condition
1	2	3	4
Special equipment			
1.	Computer	5	good
2.	Laptop	1	good
3.	Projector	1	bad
4.	Screen	3	good
5.	Copy equipment	4	good
6.	Meteoospreys	1	good
7.	Actinometer	1	good
8.	Hygrometer	2	good
9.	Psychrometer	1	good
10.	The areometer for milk	3	good
11.	The audio-noise meter is pulse	4	good
12.	Scales are analytical	1	good
13.	Bellow valve aspirator	1	good
14.	Height meter	1	good
15.	Scales are medical	1	good
16.	Dynamometers	4	good
17.	Desks	10	good
18.	School desks	30	good
19.	Chairs	49	good
20.	Board	5	good
Tables			
1.	Tables on hygiene of food, on indicators of quality of water and the organization of water supply, on occupational health, a physics health, hygiene of children and teenagers	More 70	good
2.	Projects of hospitals with the master plan and floor-by-floor explications	More 15	good
3.	Sets of situational tasks, test tasks on the studied subjects	More 100	good

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 on-line in both synchronous and asynchronous modes. Seminars can be conducted in the form of web conferences.