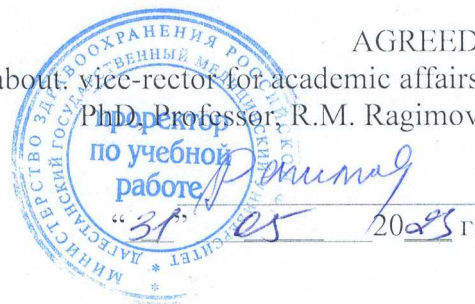


**FEDERAL STATE BUDGET  
EDUCATIONAL INSTITUTION OF HIGHER EDUCATION  
"DAGESTAN STATE MEDICAL UNIVERSITY"  
MINISTRIES OF HEALTH OF THE RUSSIAN FEDERATION**

AGREED  
And about. vice-rector for academic affairs  
Ph.D. Professor, R.M. Ragimov



**WORKING PROGRAMM  
DISCIPLINES " LIFE SAFETY "**

Discipline index B1.O.04

Specialty (direction) 31.05.01 General Medicine

Level of higher education - SPECIALTY

Graduate qualification – General Medicine

Faculty - medical

Department: Life Safety and Disaster Medicine

Full-time form of education

course - I

term - 1

Total labor intensity (in credit units / hours): 2/72

Lectures - 16 (hours)

Practical classes - 32 (hours)

Independent work - 24 (hours)

Form of control – credit test

**Makhachkala 2023**

The work program of the discipline "Life Safety" was developed in accordance with the Federal State Educational Standard of HE in the direction of training (specialty) 31.05.01 "General Medicine", approved by order of the Ministry of Education and Science of the Russian Federation No. 988 of 12.08.2020.

The work program of the discipline was approved at a meeting of the department from "26" 05 2023

Work program agreed:

1. Director of the SML DSMU \_\_\_\_\_ Blyz \_\_\_\_\_ Musaeva V. R.
2. Department of DMW and EQC \_\_\_\_\_ [Signature] \_\_\_\_\_ Karimova A.M.
3. Dean of the Faculty of Medicine \_\_\_\_\_ [Signature] \_\_\_\_\_ Savzikhanov R.T.

Head of the Department of Life Safety  
And Disaster Medicine \_\_\_\_\_ [Signature] \_\_\_\_\_ Candidate of Biological Sciences,  
Associate Professor, Rabadanova P.M.

#### **Program Developers:**

Aminova A.A., Candidate of Pharmaceutical Sciences associate professor of the Department of LS and DM

#### **Reviewers:**

Omarov M. M. - candidate of pedagogical sciences, associate professor, head. Department of LS DSPU

Gasnov A.N. - Candidate of Medical Sciences, Associate Professor of the Department of Public Health and Health DSMU

## I. THE PURPOSE AND OBJECTIVES OF MASTERING THE DISCIPLINE

**Purpose:** formation of safe thinking, a culture of life safety, preparing students for actions in non-standard situations and ensuring their own safety in emergency situations

**Tasks:** possession of the conceptual apparatus and terminology in the field of life safety, study and analysis of the essence of dangerous and emergency situations and their damaging factors, the formation of knowledge about the principles, methods, means and systems of ensuring safety, mastering the methods and methods of protecting medical personnel and the population from possible consequences of accidents, catastrophes, natural disasters, organization of medical and psychological assistance to the population, medical workers and rescuers in emergency situations

## II. PLANNED TRAINING OUTCOMES IN THE DISCIPLINE

### Competences formed in the process of studying the discipline

FSES 3++

As a result of mastering the competence, the student must:	Code and name of competence (or parts of it)
<b>Universal competencies (UC)</b>	
<b>UC-8 Able to create and maintain safe living conditions in everyday life and in professional activities to preserve the natural environment, ensure the sustainable development of society, including in the event of a threat and the occurrence of emergencies and military conflicts</b>	
DI-1UC-8	<i>Identifies and evaluates emergency and dangerous situations in everyday and professional activities, determines ways to protect against them</i>
<b>know</b>	Principles, means, methods of ensuring safety and maintaining health in the interaction of a person with a different environment, including in an educational environment. The main types of potential hazards and their consequences in professional activities and everyday life, the principles of reducing the likelihood of their implementation; hazards, their types, properties and characteristics; ways and methods of forecasting emergencies and their consequences; modern means and methods of protecting the population in emergencies and the procedure for their use
<b>be able to</b>	Identify and prevent negative environmental impacts of natural and anthropogenic origin, assessing the possible risks of hazards and emergencies, including in the educational environment. Apply practical skills to ensure safety in dangerous situations of everyday life and in emergency situations of a different nature, including in an educational environment.
<b>own</b>	Skills for ensuring life safety, as well as skills for maintaining and strengthening the health of students in the conditions of educational, labor and daily activities. The skills to create a comfortable (normative) and safe educational, labor, recreational and domestic environment
DI-2UC-8	<i>Ensures the use of personal and collective protective equipment, including in the event of emergencies and military conflicts</i>
<b>know</b>	Types, purpose, classification and rules for using the means of individual and collective protection available in the organization. The procedure for obtaining personal protective equipment. Actions when sheltering employees of organizations in protective structures. Security measures while in protective structures.
<b>be able to</b>	Ensure personal safety and the safety of others with the help of personal

	and collective protective equipment in the event of emergencies and military conflicts, take preventive measures to reduce the level of various types of hazards and their consequences in professional activities and everyday life
<b>own</b>	Skills in the use of personal and collective protective equipment in extreme conditions, the manufacture and use of improvised respiratory protection equipment.
DI-3UC-8	<b><i>Performs professional tasks in accordance with labor protection requirements</i></b>
<b>know</b>	The main requirements for the life safety of medical personnel, safety regulations and the main threats to the health of medical workers in the provision of medical services
<b>be able to</b>	Identify the main hazards of a person's professional environment, choose methods and means of protection against hazards in relation to the scope of their professional activities, identify and eliminate problems associated with safety violations in the workplace based on methods, means and various approaches (systemic, technological, creative)
<b>own</b>	Skills to prevent the threat and occurrence of emergencies in the workplace, the main methods of protection in accordance with the requirements of labor protection.
<b>UK-11 Able to form an intolerant attitude towards manifestations of extremism, terrorism, corrupt behavior and counteract them in professional activities</b>	
DI-3UC-11	<b>Recognizes manifestations of extremism, terrorism and has measures to counter them in professional activities, in the information environment and in everyday life</b>
<b>know</b>	principles and organizational foundations of countering extremism and terrorism in Russian legislation
<b>be able to</b>	analyze factors contributing to extremism, terrorism and extremist, terrorist manifestations, as well as ways to counter them
<b>own</b>	skills in developing an active civic position in relation to countering extremist and terrorist manifestations

### III. THE PLACE OF DISCIPLINE IN THE STRUCTURE OF THE EDUCATIONAL PROGRAM

The discipline "Life safety" refers to B1.O.04 in the direction of preparation 31.05.01 General Medicine.

In accordance with the curriculum, classes are held in the third semester. The knowledge and skills acquired by students in the study of this discipline are necessary for the implementation of security in the field of professional activity and in everyday life.

"Life Safety" is based on the knowledge of the natural sciences "General and Biological Chemistry", "Medical Biology", is the previous discipline for study: "Disaster Medicine", "Valeology".

The development of competencies in the process of studying the discipline contributes to the formation of knowledge, skills and abilities that allow you to apply means of protection from negative influences, use first aid techniques, and plan measures to protect the population in emergencies.

### IV. VOLUME OF DISCIPLINE AND TYPES OF EDUCATIONAL WORK

The total complexity of the discipline is 2 credit units.

Type of study work	Total hours	Terms
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		No. 1
<b>Contact work of students with the teacher</b>	48	48
<b>Classroom activities (total)</b>	48	48
Including:		
Lectures (L)	16	16
Practical classes (PC)	32	32
Clinical Practice (CP)		
Seminars (S)		
Laboratory studies (LS)		
Extracurricular work (total), including:		
Group, individual consultations **		
Individual work with the student		
<b>Independent work of the student (IWS)</b>	24	24
Type of intermediate certification	credit	credit
<b>General labor intensity:</b>		
credit hours	72 2	72 2

## V. CONTENT OF THE EDUCATIONAL DISCIPLINE

### 5.1 Sections of the discipline and competencies that are formed during their study

No. section	Name of the discipline section	Section content	Controlled competency code (or part of it)
1	2	3	4
1	Section 1. Basics of ensuring life safety in emergency situations	Basic concepts and definitions of life safety. Dangers and their effects on the human body. Human life and habitat. Environmental factors. Risk and its characteristics. Principles, methods and means of ensuring safety. Human adaptation, its types. Classification of emergency situations by scale of distribution, severity of consequences and nature of origin. Natural phenomena and disasters: earthquakes, tsunamis, floods, hurricanes, avalanches, landslides, droughts, etc. Ways to protect the population from their consequences. Emergency situations of a man-made nature and protection from them: accidents, building collapses, hydrodynamic accidents, accidents with the release of chemical substances, chemical agents, radioactive substances. Emergency of a social nature. Fundamentals of countering terrorism and extremism in the Russian Federation. National security of Russia. The role and place of Russia in the world community. System of national interests of Russia. The main external	DI-1UC-8 DI-2UC-8 DI-3UC-8 DI-3UC-11

		<p>and internal threats to the national security of the Russian Federation. Life safety culture.</p> <p>Safety of society and the individual. Modern wars and armed conflicts. Definition and classification of wars and armed conflicts. Damaging factors of modern types of weapons. A system of measures to ensure the safety of organized groups from threats of a terrorist, ethno-political, religious and criminal nature. Measures to ensure personal safety during public events.</p>	
2	Section 2. Protection of the population from peacetime and wartime emergencies	<p>General concepts about monitoring and forecasting. Methods for monitoring and identifying dangerous and negative factors. Forecasting man-made and natural disasters. Fundamentals of organization and measures for protecting the population in peacetime and war. General characteristics and classification of protective equipment. Protective structures, individual technical and medical protective equipment. Sanitary and special treatment. Unified state system for preventing and eliminating the consequences of emergency situations. The civil defense system and the main directions of its activities. Basics of organizing rescue and other urgent work in emergency situations.</p>	DI-1UC-8 DI-2UC-8
3	Section 3. Medical and psychological protection during emergencies. Life safety in medical organizations	<p>Psychotraumatic factors of an emergency situation. Features of the development of neuropsychic disorders among the population and rescuers in emergency situations. Organization of medical and psychological assistance to the population, medical workers and rescuers in emergency situations. Medical occupational safety. Characteristics of threats to the life and health of medical workers. Occupational health and safety system in medical organizations. Basic approaches, methods and means of ensuring physician safety. Safety requirements when working in structural divisions of medical organizations. Safety of medical services. Characteristics of threats to the life and health of hospital patients. Forms of manifestation of threats to patient safety. System for ensuring patient safety in medical organizations.</p>	DI-3UC-8

## 5.2. Sections of the discipline and labor intensity by types of educational work

No.	Name of the discipline section	Types of educational work, hour.	Total
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section		auditorium				extracurricular	hours
		L	PC	L	PC	L	
1	2	3	4	5	6	7	8
1	Basics of ensuring life safety in emergency situations	8	20			8	36
2	Protection of the population from peacetime and wartime emergencies	4	8			8	20
3	Medical and psychological protection during emergencies. Life safety in medical organizations	4	4			8	16
	<b>ИТОГО:</b>	<b>16</b>	<b>32</b>			<b>24</b>	<b>72</b>

### 5.3. Thematic plan of lectures

5.5. Schematic plan of lectures			
No. section	Chapter disciplines	Topics of lectures	Number of hours in term
1	2	3	4
1	Basics of ensuring life safety in emergency situations	L.1. Methodological and legal foundations of human life safety	2
		L.2. Classification of emergency situations. Natural and man-made emergencies.	2
		L.3. Emergencies of a social nature. Terrorism.	2
		L.4. National security	2
2	Protection of the population from peacetime and wartime emergencies	L.5. Monitoring, forecasting and protecting the population from peacetime and wartime emergencies	2
		L.6. Objectives and organizational structure of RSChS and Civil Defense.	2
3	Medical and psychological protection during emergencies. Life safety in medical organizations	L.7. Medical and psychological aspects of assistance for mental disorders among victims, medical workers and rescuers in emergency situations	2
		L.8. Safety of medical work and medical services	2
ИТОГО:			16

### 5.4. Thematic plan of practical classes

section number	Chapter disciplines	Topics of practical classes	Forms of the current control	Number of hours per semester
1	Basics of ensuring life safety in emergency situations	PZ.1. Theoretical foundations of BJD. Human adaptation	I, T	4
		PZ.2. Classification, development phases and damaging factors of emergency situations. Natural emergency	I, T	4
		PZ.3. Man-made emergency.	I, T	2

		Environmental emergency		
		PZ.4. Fire safety.	I, T	2
		PZ.5. Emergency of a social nature.	I, T	2
		PZ.6. Fundamentals of countering terrorism and extremism in the Russian Federation	I, T	2
		PZ.7. Modern wars and armed conflicts	I, T	2
		PZ.8. National security.	I, T	2
2	Protection of the population from peacetime and wartime emergencies	PZ. 9. Emergency monitoring and forecasting. Fundamentals of organization and measures for protecting the population in peacetime and wartime	I, T	2
		PZ.10. Technical means of individual and collective protection.	I, T	2
		PZ.11. Personal medical protective equipment. Sanitation and special treatment	I, T	2
		PZ.12. Objectives and organizational structure of RSChS. The civil defense system and the main directions of its activities	I, T	2
3	Medical and psychological protection during emergencies. Life safety in medical organizations	PZ.13. Medical and psychological aspects of assistance for mental disorders among victims, medical workers and rescuers in emergency situations	I, T	2
		PZ.14. Safety of medical work and medical services	I, T	2
ИТОГО:				32

*Forms of current progress control (with abbreviations): T - testing, ST - solving situational tasks, E- writing and defending an essay, I- interview on control questions.*

## **5.5. Educational and methodological support for independent work on the discipline (module)**

### **5.5.1 Independent work of the student in the discipline**

No. p/p	Section of discipline	Name of works	Labor intensity (hour)	Forms of control
1.	Basics of ensuring life safety in emergency situations	Preparation for a practical lesson, preparation of abstracts, work with electronic educational resources posted in the electronic information system of the DSMU	8	E
2.	Protection of the population from peacetime and wartime emergencies	Preparation for a practical lesson, preparation of abstracts, work with electronic educational resources posted in the electronic information system of the DSMU	8	E
3.	Medical and psychological protection during	Preparation for a practical lesson, preparation of abstracts, work with	8	E



	emergencies. Life safety in medical organizations	electronic educational resources posted in the electronic information system of the DSMU		
<b>ИТОГО:</b>			<b>24</b>	

### 5.5.2 Topics of abstracts

1. Essence and classification of emergency situations of a social nature, their possible varieties on the territory of the Russian Federation
2. Emergencies of a natural nature, the risk of which exists in Dagestan.
3. Man-made disasters, the risk of which exists in Dagestan. Earthquakes. Basic concepts. Parameters that determine the strength and nature of the earthquake.
4. Landslides. Causes, signs and possible consequences of landslides
5. Hydrological emergencies, their causes and varieties. Consequences of these emergencies
6. Accidents at chemically hazardous facilities. Causes. Liquidation methods. Human behavior in this emergency. Protection against AHOV
7. Accidents at radiation hazardous facilities. Causes. Liquidation methods. Human behavior in this emergency. Protecting the public from radiation
8. Causes of earthquakes. Possible signs of an approaching earthquake
9. The procedure for actions in case of a threat of an accident or in case of a sudden accident at the ROO and XOO. Rules for safe behavior in areas contaminated with radioactive or chemical substances
10. Terrorism. The main terrorist organizations, their goals and objectives. Types of terrorist influences and means used
11. The Essence of Modern Religious Extremism
12. Terrorist act, explosion on the street. Prevention measures and human behavior in case of this emergency
13. International cooperation of the country in the field of ensuring the safety of life of the population and environmental protection.
14. Plane crashes. Rules of conduct during takeoff and landing of aircraft. Actions in an emergency situation - cabin depressurization, fire on board the aircraft, emergency landing on the ground, on water
15. The origins and characteristics of modern terrorism, the methods and means used by modern terrorists, the rules of safe behavior in contact with terrorists
16. Types of ionizing radiation, their characteristics and impact on living organisms
17. Fundamentals of Conceptual Security
18. Toxic metal ion poisoning
19. The problem of ensuring human safety under the influence of sound and light effects
20. Overcoming fear and stress in an autonomous situation
21. Peacetime emergencies
22. Noise and its effect on the body. Prevention of the harmful effects of noise at work
23. Rules of conduct during explosions
24. Human health and the environment
25. Psychological mechanisms of panic occurrence and measures to prevent it.

### 5.5.3 Guidelines for students on mastering the discipline

"Methodological recommendations for the student" are developed as an independent document in the form of an appendix to the work program of the discipline.

## VI. EVALUATION TOOLS FOR CURRENT CONTROL OF PERFORMANCE OF INTERIM CERTIFICATION ON THE RESULTS OF MASTERING THE DISCIPLINE

### 6.1. List of competencies indicating the stages of their formation in the process mastering the work program of the discipline

№ раздела	Наименование раздела дисциплины	Код контролируемой компетенции (или ее части)	Формы контроля
1	2	3	4
1.	Basics of ensuring life safety in emergency situations	DI-1UC-8 DI-2UC-8 DI-3UC-8 DI-3UC-11	I, T
2.	Protection of the population from peacetime and wartime emergencies	DI-1UC-8 DI-2UC-8	I, T
3.	Medical and psychological protection during emergencies. Life safety in medical organizations	DI-3UC-8	I, T

#### 6.1.2. Examples of assessment tools for monitoring progress

For the current control of the progress of the discipline, the following evaluation tools are used:

#### INTERVIEW ON CONTROL QUESTIONS

**Practical lesson No. 2.** Classification, development phases and damaging factors of emergencies

Codes of controlled competencies: UC-8

1. Basic concepts and definitions of emergency situations
2. Classification of emergency situations
3. Medical and public health consequences of emergencies
4. Structure of sanitary losses.
5. Phases of development in the process of liquidation of emergencies.
6. Phases of a radiation accident.
7. Damaging factors of emergencies.
8. Methods for forecasting and assessing the situation in case of emergency.
9. Assessment of the medical situation.

#### Criteria for assessing the current control of progress (interview on control questions):

"Excellent":

The student has a deep knowledge of the educational material on the topic of the practical lesson in compliance with the logic of presentation of the material, shows the assimilation of the relationship of the basic concepts used in the work, was able to answer all clarifying and additional questions. The student demonstrates knowledge of theoretical and practical material on the topic of the lesson.

"Good":

The student showed knowledge of the educational material on the topic of the practical lesson, mastered the basic literature, was able to answer almost completely all the additional and clarifying questions asked. The student demonstrates knowledge of theoretical and practical material on the topic of the lesson, allowing minor inaccuracies.

"Satisfactorily":

The student as a whole mastered the material on the topic of the practical lesson, answered not all the specified clarifying and additional questions. The student finds it difficult to correctly assess the proposed task, gives an incomplete answer, requiring leading questions from the teacher.

"Unsatisfactory":

The student has significant gaps in the knowledge of the main educational material of the practical lesson, did not fully disclose the content of the questions, could not answer clarifying and additional questions. The student gives an incorrect assessment of the situation, incorrectly chooses an algorithm of actions. An unsatisfactory mark is given to a student who refuses to answer questions on the topic of a practical lesson.

### **TESTING:**

#### **Practical lesson No. 6. Modern wars and armed conflicts**

Codes of controlled competencies: UC-8

1. The flow of radiant energy, including ultraviolet, visible and infrared rays, is called:
  - 1.electromagnetic vibration
  2. flux of invisible neutrons
  3. high-speed flow of combustion products
  - 4.Light emission
  5. correct 4)
2. Bacterial means of mass destruction can cause especially dangerous infectious diseases:
  - 1.hay fever and ulcer
  2. osteochondrosis and thrombophlebitis
  - 3.hepatitis and pancreatitis
  - 4.tularemia and brucellosis
  5. correct 4)
3. Weapons of mass destruction include:
  1. incendiary mixtures
  - 2.chemical
  - 3.nuclear
  - 4.biological
  - 5.high precision
  6. correct 2,3,4)
4. Modern weapons can carry out the impact:
  - 1.straight
  2. indirect
  - 3.mediated
  4. irrevocable
  - 5.latent
  6. correct 1,2,3)
5. The indirect effects of the impact of modern weapons include:
  - 1.disintegration of the economy
  - 2.destruction of the material and technical foundations and social aspects of society
  - 3.Outbreak epidemics
  - 4.depletion of the ozone layer of the atmosphere
  - 5.climate change
  6. correct 4,5)
6. In terms of power, small nuclear weapons include:
  - 1.ammunition with a capacity of less than 1 kt
  - 2.ammunition with a capacity of 1-10 kt

- 3.ammunition with a capacity of 20 kt
- 4.ammunition with a capacity of 100-1000 kt
- 5.correct 2)

**Criteria for assessing the current control of progress (testing):**

"Excellent": 100-90%

Good: 89-70%

"Satisfactory": 69 - 51%

"Unsatisfactory": <50

**ESSAY**

Codes of controlled competencies: **UC-8**

Abstract topics:

1. Emergencies of a natural nature, the risk of which exists in Dagestan. Man-made disasters, the risk of which exists in Dagestan.
2. Earthquakes. Basic concepts. Parameters that determine the strength and nature of the earthquake.
3. Landslides. Causes, signs and possible consequences of landslides
4. Hydrological emergencies, their causes and varieties. Consequences of these emergencies
5. Accidents at chemically hazardous facilities. Causes. Liquidation methods. Human behavior in this emergency. Protection against AHOV
6. Accidents at radiation hazardous facilities. Causes. Liquidation methods. Human behavior in this emergency. Protecting the public from radiation
7. Railway accidents. Rules of conduct in the train car. Actions in an emergency situation (fire in the car)
8. Causes of earthquakes. Possible signs of an approaching earthquake
9. The procedure for actions in case of a threat of an accident or in case of a sudden accident at the ROO and XOO. Rules for safe behavior in areas contaminated with radioactive or chemical substances

**Criteria for evaluating current control (abstract):**

- Novelty of the abstracted text: max. – 20 points;
- The degree of disclosure of the essence of the problem: max. – 30 points;
- Validity of the choice of sources: max. – 20 points;
- Compliance with design requirements: max. – 15 points;
- Literacy: max. - 15 points.

**Abstract evaluation:**

The abstract is evaluated on a 100-point scale, the points are converted into academic performance assessments as follows (points are taken into account in the process of the current assessment of knowledge of the program material):

86 - 100 points - "excellent";

70 -75 points - "good";

51 - 69 points - "satisfactory";

less than 51 points - "unsatisfactory".

**Criteria for evaluating current control (abstract):**

"Fine":

The work fully meets the requirements for writing and designing an abstract. Written in a well-written, literary style. The student is able to consciously and quickly transform the acquired knowledge in characterizing the theoretical aspects of the discipline "Life Safety"

"Good":

The student showed knowledge of the theoretical material, but allows minor inaccuracies in the formulation of basic concepts.

"Satisfactorily":

The work was written with errors, illegible handwriting, inaccuracies were made, the signs and possible consequences of a natural disaster were not covered.

"Unsatisfactory":

The student has obvious gaps in the knowledge of the main educational material, did not disclose the content of the questions, the abstract was written illegibly and with gross errors.

## **6.2. Intermediate certification based on the results of mastering the discipline**

### **6.2.1. The form of intermediate attestation - TEST. Term-1.**

### **6.2.2. Intermediate certification procedure – *Intermediate certification is carried out in writing.***

### **6.2.3. Examples of questions to prepare for the test.**

1. Characteristics of modern military-political trends.
2. The role and place of Russia in the world community.
3. The system of national interests of Russia.
4. Normative legal base of mobilization training and mobilization.
5. Special formations of health care.
6. Mobilization resources: state material reserve for medical and sanitary purposes.
7. Definition and classification of wars and armed conflicts.
8. Means of armed struggle.
9. The damaging factors of modern types of weapons.
10. Normative-legal acts regulating the issues of life safety management.

### **6.2.4. Ticket form for discipline for intermediate certification**

Ministry of Health of the Russian Federation  
FSBEI HE DSMU of the Ministry of Health of RF

Department of Life Safety  
and Disaster Medicine

Specialty - 31.05.01 General Medicine

Discipline - Life Safety

### **EXAMINATION TICKET No. 1**

1. Human habitat
2. Principles of national security
3. Axioms BZ

Approved at the meeting of the department, protocol dated "\_\_\_\_\_" \_\_\_\_\_ 20\_\_\_\_.  
No. \_\_\_\_

Head Department of Life Safety  
and Disaster Medicine, PhD, Associate Professor \_\_\_\_\_ P. M. Rabadanova

Compiled by:

Aminova A.A., Candidate of Pharmaceutical Sciences associate professor of the Department of LS and DM

" \_\_\_\_\_ " \_\_\_\_\_ 20\_\_\_\_

#### 6.2.5. The system for evaluating the results of mastering the discipline, a description of the scales of assessment, grading.

The grading system includes credit.

Indicators evaluation	Evaluation criteria	
	"not credited"	
<b>UC-8 Able to create and maintain safe living conditions in everyday life and in professional activities to preserve the natural environment, ensure the sustainable development of society, including in the event of a threat and the occurrence of emergencies and military conflicts</b>		
<b>know</b>	The student is not able to independently identify the main provisions in the studied material of the discipline. Does not know the danger, their types, properties and characteristics; ways and methods of predicting emergencies and their consequences; modern means and methods of protecting the population in emergencies and the procedure for their use	The student independently singles out the main provisions in the studied material and is able to give a brief description of the main ideas of the studied material of the discipline. Shows a deep understanding of hazards, their types, properties and characteristics; ways and methods of predicting emergencies and their consequences; modern means and methods of protecting the population in emergencies and the procedure for their use
<b>be able to</b>	The student does not know how to apply means of protection against negative influences; use first aid; plan measures to protect the population in emergencies	The student is able to independently apply means of protection against negative influences; use first aid; plan measures to protect the population in emergencies.
<b>own</b>	The student does not know the methods of providing first aid to victims, methods of self- and mutual assistance, methods of protection in emergency situations	The student shows a deep and complete knowledge of the entire volume of the discipline being studied, owns the methods of providing first aid to victims, methods of self- and mutual assistance, methods of protection in emergency situations
<b>UK-11 Able to form an intolerant attitude towards manifestations of extremism, terrorism, corrupt behavior and counteract them in professional activities</b>		
<b>DI-3UC-11</b>	<b>Recognizes manifestations of extremism, terrorism and has measures to counter them in professional activities, in the information environment and in everyday</b>	

	<b>life</b>	
<b>know</b>	The student does not know the basics and principles of countering extremism and terrorism, and what actions, defined by the law of the Russian Federation, are extremist.	The student knows the legal framework that defines extremism and terrorism, the foundations and principles of countering extremism and terrorism
<b>be able to</b>	The student does not know how to identify actions that are extremist and terrorist under the laws of the Russian Federation, or classify terrorism and extremism according to a number of criteria.	The student demonstrates deep and complete mastery of the entire scope of the topic being studied, and is able to classify terrorism and extremism according to a number of criteria.
<b>own</b>	The student does not master the main provisions of the discipline material, the skills of developing the values of a healthy and safe lifestyle, the rules of behavior in emergencies of a social nature that threaten the life and health of people.	The student has knowledge of the causes and essence of extremism and terrorism, their forms, goals and scale. Possesses the skills of developing the values of a healthy and safe lifestyle, rules of behavior in emergencies of a social nature that threaten the life and health of people.

## VII . EDUCATIONAL-METHODOLOGICAL AND INFORMATION SUPPORT OF THE DISCIPLINE

### 7.1 Main literature

#### Printed publications

No.	Edition titles	Number of copies in the library
one	Life safety: study guide / M-K.I. Bagandov, G.S. Seidov, A.M. Gadzhiakhmedov. - Makhachkala: CPI DSMA. Part one. - 2012. - 111 p. Approved at the meeting of the CCMC. Minutes No. 6 dated 03.04.2012 ISBN 33-00	584
2	Life safety: study guide / M-K.I. Bagandov, G.S. Seidov, A.M. Gadzhiakhmedov. - Makhachkala: CPI DSMA. Part two. - 2012. - 106 p. Approved at the meeting of the CCMC. Minutes No. 6 dated 03.04.2012 ISBN 31-00	587
3	Life safety = Life safety: textbook / Chizh I.M., Rusanov S.N.; FSBEI HE 1st Moscow State Medical University. Sechenov; translation from English - Moscow: MIA, 2017. - 118s. ISBN 978-5-9986-0297-9:1000-00	thirty

#### Electronic editions

No.	Editions
one	Kolesnichenko, P. L. Life safety: textbook / P. L. Kolesnichenko - Moscow: GEOTAR-Media, 2017. - 544 p. - ISBN 978-5-9704-4041-4. - Text : electronic // URL : <a href="http://www.studmedlib.ru/book/ISBN9785970440414.html">http://www.studmedlib.ru/book/ISBN9785970440414.html</a>
2	Akimov, V. A. Life safety. Safety in natural and man-made emergencies: textbook / V. A. Akimov, Yu. - ISBN 978-5-4372-0049-0. - Text : electronic // URL : <a href="http://www.studmedlib.ru/book/ISBN9785437200490.html">http://www.studmedlib.ru/book/ISBN9785437200490.html</a>
3	Khrupachev, A. G. Industrial safety and professional health: a guide for doctors / ed. A. G.

	Khrupacheva, A. A. Khadartseva. - Moscow: GEOTAR-Media, 2012. - 336 p. - Text : electronic // URL : <a href="http://www.studmedlib.ru/book/06-COS-2349.html">http://www.studmedlib.ru/book/06-COS-2349.html</a>
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## 7.2. Additional literature

### Printed publications

No.	Edition titles	Number of copies in the library
1	Organization and conduct of special processing: methodological development for students / M-K.I Bagandov; SBEI "DSMA". - Makhachkala: CPI DSMA, 2012. - 20 p. Recommended by TsKMS DSMA, protocol No. 6 of 04/03/2012.	one
2	Organization of medical care for the population in emergency situations: a textbook for students of medical universities / authors: V.I. Sakhno, G.I. Zakharov, N.E. Karlin, N.M. Pilnik. - St. Petersburg: Folio, 2003. - 248 p. ISBN 181-50	250
3	Military toxicology radiobiology and medical protection: Textbook - VMA im. CM. Kirov; edited by S.A. Kutsenko. - St. Petersburg: Tome, 2004. - 528 p.: ISBN 5-93929-082-5: 700-00 ill. recommended UMO for honey. and farm. image. Universities of Russia as a teaching aid for medical students. universities	500
4	First pre-medical medical care: a textbook for 3rd year students of medical and pharmaceutical faculties of medical universities / R.G. Aliev, I.G. Akhmedov, Z.R. Kurbanova. - Makhachkala: CPI DSMA, 2006. - 260 S. - ISBN b / c	25

### Electronic editions

No.	Editions
1	Podolskaya, M. A. Electrical safety in the physiotherapy department / Podolskaya M. A. - Moscow: GEOTAR-Media, 2014. - Text: electronic // URL: <a href="http://www.studmedlib.ru/book/06-COS-2390.html">http://www.studmedlib.ru/book/06-COS-2390.html</a>
2	Kalygin, V. G. Life safety. Industrial and environmental safety, safety in man-made emergencies. Course of lectures / V. G. Kalygin, V. A. Bondar, R. Ya. Dedyan - Moscow: Kolos, 2013. - 520 p. (Textbooks and textbooks for students of higher educational institutions) - ISBN 5-9532-0221-0. - Text : electronic // URL : <a href="http://www.studmedlib.ru/book/ISBN5953202210.html">http://www.studmedlib.ru/book/ISBN5953202210.html</a>
3	Levchuk, I.P. Life safety: textbook / I.P. Levchuk [and others]; ed. I. P. Levchuk. - Moscow: GEOTAR-Media, 2016. - 304 p. - ISBN 978-5-9704-3876-3. - Text: electronic // URL: <a href="http://www.studmedlib.ru/book/ISBN9785970438763.html">http://www.studmedlib.ru/book/ISBN9785970438763.html</a>

## 7.3 Resources of the information and telecommunications network "Internet"

No.	Resource name
1.	Information portal of BLS and LS: <a href="http://www.bezopasnost.edu66.ru/">http://www.bezopasnost.edu66.ru/</a>
2	Information to ensure personal, national and global security.
3	Regulatory documents, LS theory, science, psychology, methodology, LS culture, LS electronic library: <a href="http://bezopasnost.edu66.ru">bezopasnost.edu66.ru</a>
4	Fundamentals of life safety, civil defense, first aid: <a href="http://Obj.ru">Obj.ru</a>
5	Life Safety magazine : <a href="http://novtex.ru/bjd">novtex.ru/bjd</a>



6	Information and methodological publication for teachers: <a href="http://school-obz.org">school-obz.org</a>
7	Zlatoust Disaster Medicine Center: <a href="http://gcmk.zlatadm.ru/">http://gcmk.zlatadm.ru/</a>

#### 7.4 Information technology

##### *List of licensed software:*

1. Operating system **Microsoft WINDOWS 7 Professional**
2. **MSOFFICE 2007** application package :  
**Microsoft Word; Microsoft PowerPoint.**
3. Antivirus Software - **Kaspersky Endpoint Security10 for WINDOWS.**

##### *List of information reference systems:*

1. **Electronic Information and Educational Environment (EIOS) DSMU** . URL: <https://eos-dgmu.ru>

2. **Student Advisor** : Electronic Library System. URL : <http://www.studentlibrary.en>

##### **Access mode by login and password**

3. **Physician's Consultant** : Electronic Library System. URL : <http://www.rosmedlib.en>

##### **Access mode by login and password**

4. **Federal Electronic Medical Library ( FEML )** . URL : <http://feml.scm1.rssi.en>
5. **Scientific electronic library e Libra r y** . URL : <https://elibra.ru/default.aspx>
6. **Medical referral and information system** . \_ URL : <http://www.medinfo.en/>
7. **Scientific Electronic Library of CyberLeninka** . \_ URL : <http://cyberleninka.ru>
8. **RFBR electronic library** . \_ \_ URL : <http://www.rfbr.en/>
9. **All - Russian educational Internet program for doctors** . : <http://www.internist.ru>

#### VIII . MATERIAL AND TECHNICAL SUPPORT OF THE DISCIPLINE

	Type of room with number (classroom, laboratory, computer class, etc. ) indicating the address (location) of the building, clinical base, building, structure, premises, area of the premises, its purpose (for independent work, for conducting practical classes, current control, intermediate certification, e-learning, lectures, etc.)	equipment identification
1.	<b>Lecture Hall No. 2</b> (9th floor of a nine-story building, at the address: I. Shamil Ave. 48, 73 m <sup>2</sup> , 46 seats for lectures, intermediate tests in all disciplines).	Multimedia complex (laptop, projector, TV for watching educational films)
2.	<b>Auditorium No. 5</b> (9th floor of a nine-story building, at the address: I. Shamil avenue 48, 34 m <sup>2</sup> , 16 seats for practical training in LS).	Chemical protection equipment (OZK suits, gas masks, IPP-8, IPP-11, individual first aid kits)
3.	<b>Auditorium No. 6</b> (9th floor of a nine-story building, at the address: I. Shamil Ave. 48, 34 m <sup>2</sup> , 22 seats for practical classes on FAECS).	Dressing material, first aid kits, couch, phantom for CPR.
4.	<b>Auditorium No. 9</b> (9th floor of a nine-story building, at the address: I. Shamil Ave. 48, 35 m <sup>2</sup> , 22 seats for independent work on LS and DM).	Methodical material
5.	<b>Auditorium No. 10</b> (9th floor of a nine-story	Chemical protection equipment (OZK

	building, at the address: I. Shamil Ave. 48, 35 m <sup>2</sup> , 22 seats for practical training in LS and DM).	suits, gas masks, IPP-8, IPP-11, individual first aid kits)
6.	<b>Auditorium No. 11</b> (9th floor of a nine-story building, at the address: I. Shamil Ave. 48, 35 m <sup>2</sup> , 28 seats for practical training in LS).	Computer, chemical protection equipment (OZK suits, gas masks, IPP-8, IPP-11, individual first aid kits)
7.	<b>Auditorium No. 13</b> (8th floor of a nine-story building, at the address: I. Shamil Ave. 48, 53 m <sup>2</sup> , 34 seats for lectures and practical classes on FAECs).	Multimedia complex (laptop, projector), TV for watching educational films. Dressing material, first aid kits, couch, phantom for CPR.
8.	<b>Auditorium No. 14</b> (8th floor of a nine-story building, at the address: I. Shamil avenue 48, 53 m <sup>2</sup> , 38 seats for lectures and practical classes in the LS).	Multimedia complex (laptop, projector), TV for watching educational films. Chemical protection equipment (OZK suits, gas masks, IPP-8, IPP-11, individual first aid kits)
9.	<b>Auditorium No. 19</b> (8th floor of a nine-story building, at the address: I. Shamil avenue 48, 35 m <sup>2</sup> , 24 seats for practical classes on FAECs).	Dressing material, first aid kits, couch, phantom for CPR.
10.	<b>Auditorium No. 21</b> (8th floor of a nine-story building, at the address: I. Shamil avenue 48, 35 m <sup>2</sup> , 20 seats for practical classes on FAECs).	Dressing material, first aid kits, couch, phantom for CPR.
11.	<b>Auditorium No. 22</b> (8th floor of a nine-story building, at the address: I. Shamil Ave. 48, 35 m <sup>2</sup> , 20 seats for independent work on the LS).	Methodical material

## IX . USE OF INNOVATIVE (ACTIVE AND INTERACTIVE) LEARNING METHODS

Active teaching methods used in the study of this discipline

They make up 13.4% of the volume of classroom studies.

No.	Section name	Type, name of the topic of the lesson using forms of active and interactive teaching methods	Labor intensity (hour.)
1.	Basics of ensuring life safety in emergency situations	Lecture 2. Emergencies and protection from them. Medical and health consequences of emergencies. Problem lecture	2
2.	Basics of ensuring life safety in emergency situations	Practical lesson 5. Social emergencies. Solving multi-level tasks at the stage of classroom independent work.	1.5
3.	Basics of ensuring life safety in emergency situations	Lecture 3. Security of the individual, society and thie state. Problem lecture	2
4.	Basics of ensuring life safety in emergency situations	Practical lesson 3. Natural, technogenic and ecological emergencies Solving multi-level tasks at the stage of classroom independent work.	1.5
	Total		7

## **X . METHODOLOGICAL SUPPORT OF THE DISCIPLINE**

The methodological support of the discipline was developed in the form of a separate set of documents: "Methodological recommendations for practical exercises", "Methodological recommendations for the student" as an appendix to the work program of disciplines (module)

## **XI. FEATURES OF THE ORGANIZATION OF EDUCATION ON THE DISCIPLINE FOR THE DISABLED AND PERSONS WITH LIMITED HEALTH OPPORTUNITIES**

### **11.1. Education of disabled people and persons with disabilities**

If necessary, it is carried out by the department on the basis of an adapted work program using special teaching methods and didactic materials, compiled taking into account the characteristics of the psychophysical development, individual capabilities and health status of such students (student).

### **11.2. In order to master the curriculum of the discipline for people with disabilities and people with disabilities , the department provides:**

1) for the disabled and persons with visual impairments:

- placement in accessible places for students who are blind or visually impaired, and in an adapted form of reference information about the schedule of training sessions;
- the presence of an assistant providing the student with the necessary assistance;
- release of alternative formats for methodological materials (large print or audio files);

2) for the disabled and people with hearing disabilities:

- appropriate sound means of reproduction of information;

3) for disabled people and persons with disabilities who have disorders of the musculoskeletal system:

- the possibility of unimpeded access of students to classrooms, toilets and other premises of the department. In case of impossibility of unhindered access to the department, organize the educational process in a specially equipped center for individual and collective use of special technical training aids for the disabled and persons with disabilities (A.Aliyev street 1, biological building, 1st floor, scientific library of the DSMU).

**11.3. The education of students with disabilities** can be organized both jointly with other students and in separate groups.

### **11.4. The list of educational and methodological support for independent work of students in the discipline.**

Educational and methodological materials for independent work of students from among the disabled and persons with disabilities are provided in forms adapted to the limitations of their health and perception of information:

Categories of students	Forms
hearing loss	- in printed form; - in the form of an electronic document;
visually impaired	- in printed form in enlarged type; - in the form of an electronic document;

	- in the form of an audio file;
With a violation of the musculoskeletal system	- printed form; - in the form of an electronic document;

This list can be specified depending on the contingent of students.

### **11.5. Fund of assessment tools for conducting intermediate certification of students in the discipline.**

11.5.1. List of funds for evaluation funds correlated with the planned results of the development of the educational program.

For students with disabilities

Categories of students	Types of evaluation tools	Forms of control and evaluation of learning outcomes
hearing impaired	test	predominantly written review
visually impaired	interview	predominantly oral examination (individually)
With a violation of the musculoskeletal system	solving remote tests, control questions	organization of control in the EIOS DSMU, written verification

Students with disabilities and persons with disabilities are given more time to prepare answers for the test, they are allowed to prepare for the test using distance learning technologies.

11.5.2. Methodological materials that define the procedures for assessing knowledge, skills and (or) experience of activity, characterizing the stages of the formation of competencies.

When carrying out the procedure for evaluating the learning outcomes of people with disabilities and persons with disabilities, the use of technical means necessary for them in connection with their individual characteristics is envisaged.

The procedure for evaluating the learning outcomes of people with disabilities and people with disabilities in the discipline provides for the provision of information in forms adapted to the limitations of their health and perception of information:

For persons with visual impairments:

- in printed form in enlarged type;
- in the form of an electronic document;
- in the form of an audio file.

For people with hearing impairments:

- in printed form;
- in the form of an electronic document.

For people with musculoskeletal disorders:

- in printed form;
- in the form of an electronic document;
- in the form of an audio file.

This list can be specified depending on the contingent of students.

When carrying out the procedure for evaluating the learning outcomes of people with disabilities and persons with disabilities in a discipline (module), the following additional requirements are met, depending on the individual characteristics of students:

1. instruction on the procedure for conducting the assessment procedure is provided in an accessible form (orally, in writing, orally using the services of a sign language interpreter);
2. an accessible form for providing assignments of assessment tools (in printed form, in printed form in an enlarged font, in the form of an electronic document, assignments are read out by an assistant, assignments are provided using sign language translation);
3. an accessible form of providing answers to tasks (in writing on paper, a set of answers on a computer, using the services of an assistant, orally).

If necessary, for students with disabilities and the disabled, the procedure for evaluating learning outcomes in a discipline (module) can be carried out in several stages.

The procedure for evaluating the learning outcomes of people with disabilities and persons with disabilities is allowed using distance learning technologies.

#### **11.6. The list of basic and additional educational literature necessary for the development of the discipline.**

For mastering the discipline, disabled people and persons with disabilities are provided with basic and additional educational literature in the form of an electronic document in the library fund and / or in electronic library systems. Also, special textbooks and teaching aids, other educational literature and special technical training aids for collective and individual use, as well as the services of sign language and sign language interpreters are provided free of charge.

#### **11.7. Guidelines for students on mastering the discipline**

Individual work is of great importance in mastering the discipline by disabled people and persons with disabilities. Individual work means two forms of interaction with a teacher: individual educational work (consultations), i.e. additional explanation of the educational material and in-depth study of the material with those students who are interested in this, and individual educational work. Individual consultations on the subject are an important factor contributing to the individualization of education and the establishment of educational contact between the teacher and the student with a disability or a student with disabilities.

#### **11.8. Description of the material and technical base necessary for the implementation of the educational process in the discipline**

Discipline mastering by disabled people and persons with disabilities is carried out using general and special purpose training tools:

- lecture audience - multimedia equipment, mobile radio class (for students with hearing impairments); power supplies for individual technical means;
- classroom for practical classes (seminars), multimedia equipment, mobile radio class (for students with hearing impairments);
- classroom for independent work - standard workstations with personal computers; workplace with a personal computer, screen reader, screen magnifier and braille display for visually impaired students.

In each classroom where people with disabilities and people with disabilities study, an appropriate number of places for students should be provided, taking into account their health limitations.

## XII. CHANGES LIST

List of additions and changes made to the work program of the discipline	RP updated at the meeting of the department		
	date	Number of minutes of the meeting of the department	Signature of the head of the department
<p>The following changes are made to the work program</p> <p>one. ....;</p> <p>2.....etc.</p> <p>or a note is made about the inappropriateness of making any changes for this academic year</p>			