



**MINISTRY OF SCIENCE AND HIGHER EDUCATION  
OF THE RUSSIAN FEDERATION**  
Federal State Budgetary Educational Institution of Higher Education  
**"IRKUTSK STATE UNIVERSITY"**  
**Pedagogical Institute**  
Department of Geography, Life Safety and Teaching Methodology  
**Law Institute**  
Criminal Law Department



APPROVED:

Vice Rector for Education

A.I. Vokin

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### **Syllabus**

Discipline Б1.О.09 Life Safety

Major: All fields of study

University Degree: Bachelor

Full-time, part-time, extramural (the program is implemented entirely via e-learning and distance educational technologies)

Recommended by Department of Geography,  
Life Safety and Teaching Methodology  
Protocol 5 of January 22, 2025

Department Chair N.V. Rogovskaya

Recommended by Criminal Law Department  
Protocol 7 of January 22, 2025

Department Chair R.V. Kravtsov

Irkutsk 2025

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## I. GOALS AND OBJECTIVES OF THE DISCIPLINE (MODULE)

Goals of the discipline:

- to develop a safety culture and safe behavior personality traits in students, providing an understanding of the inseparable unity of effective everyday and professional activities with the requirements for human safety and protection;
- to prepare students for proactive complex actions to protect life and health from the hazards of emergency situations and military conflicts;
- to form students' understanding of the essence of corrupt behavior and an intolerant attitude towards it;
- to master theoretical knowledge and skills necessary in professional activities to counter such socially dangerous phenomena as extremism and terrorism, as well as to prevent these phenomena;
- to obtain knowledge, abilities, and skills necessary for the development of students as citizens capable and ready to fulfill their military duty and obligation to defend their Motherland in accordance with the legislation of the Russian Federation.

Objectives of the discipline:

- mastering the conceptual apparatus and terminology in the field of a safe lifestyle;
- forming ideas about the basics of life safety, the essence of dangerous and emergency situations;
- forming knowledge about the principles, methods, means, and systems of ensuring safety;
- forming abilities to create and maintain safe living conditions in everyday life and professional activities to preserve the natural environment and ensure sustainable development of society;
- forming abilities to act safely in the event of a threat to life and health in conditions of natural, man-made, and social hazards;
- forming skills to provide first aid to victims in various situations;
- cultivating a worldview and a culture of safe thinking, behavior, and activity in various conditions;
- studying the regulatory legal framework in the field of combating terrorism and extremism;
- forming readiness and ability to resist the ideology of extremism and terrorism, as well as to carry out prevention of these phenomena;
- forming students' understanding of the meanings of basic legal categories, the essence of corrupt behavior, and the forms of its manifestation in various spheres of public life;
- forming students' understanding of the main provisions of the military doctrine of the Russian Federation, as well as the basics of military development and the structure of the Armed Forces of the Russian Federation<sup>1</sup> (AF RF);
- forming a high level of social consciousness and military duty in students;
- cultivating discipline and high moral and psychological qualities of a citizen-patriot;
- mastering basic knowledge and forming key skills in military affairs;
- disclosing the specifics of the activities of various categories of military personnel of the AF RF;
- familiarizing students with regulatory documents in the field of ensuring state defense and military service;
- forming drill proficiency and a respectful attitude towards military rituals, traditions, and military uniforms;
- studying and adopting the rules of military courtesy;
- mastering knowledge of the statutory norms and rules of conduct for military personnel.

## II. PLACE OF THE DISCIPLINE IN THE CPEP STRUCTURE:

The academic discipline "Life Safety" belongs to the mandatory part of the program.

The course is focused on increasing the humanistic component in the training of bachelors. To study this academic discipline, knowledge, abilities, and skills formed at the stage of secondary education are required.

The study of the general provisions of "Life Safety" will allow for the formation of a behavioral policy aimed at safe interaction with all components of the surrounding world.

The study of the main provisions of countering extremism and terrorism will allow students to form a civic position of active opposition to extremism and terrorism.

The module "Basics of Military Training" is included in the work program on the basis of the letter of the Ministry of Science and Higher Education of Russia dated December 21, 2022, No. MN-5/35982. The module is implemented based on the basic principles and directions of military training, consists of the main sections of military training, and topics of military-political and legal training.

## III. REQUIREMENTS FOR THE DISCIPLINE (MODULE) LEARNING OUTCOMES:

List of planned learning outcomes for the discipline (module), correlated with competency achievement indicators:

Competency	Competency Indicators	Learning Outcomes
<b>UC-8</b> Able to create and maintain safe living conditions in everyday life and professional activities to preserve the natural environment, ensure sustainable development of society, including in the event of a	<b>CAIUC 8.1</b> Creates and maintains safe conditions in everyday life and professional activities	<b>Know:</b> principles, tools, and methods for ensuring safety and health preservation during human interaction with various environments; rules of conduct and preventive measures in conditions of contamination with radioactive, toxic substances, and bacterial agents; basic methods and means of providing first medical aid for wounds and injuries.  <b>Be able to:</b> identify and prevent negative impacts of the natural and anthropogenic environment, assessing possible risks of hazards and emergency situations; perform radiation, chemical, and biological protection measures. \n\n <b>Possess:</b> skills in ensuring life safety, as well as skills in preserving and strengthening health in educational, labor, recreational, and everyday activities.

<p>threat and occurrence of emergency situations and military conflicts</p>		
	<p><b>CAIUC 8.2</b> Explains the conditions for preserving the natural environment and ensuring sustainable development of society, including in the event of a threat and occurrence of emergency situations and military conflicts</p>	<p><b>Be able to:</b> explain the rules of human behavior in various emergency conditions and military conflicts; correctly apply and follow the provisions of the general military regulations of the Armed Forces of the Russian Federation; evaluate international military-political and internal events and facts from the perspective of a patriot of their Fatherland; apply the provisions of regulatory legal acts.</p> <p><b>Possess:</b> skills in awareness-raising work to create a comfortable (normative) and safe educational, labor, recreational, and domestic environment; skills in managing platoon formations; skills in preparing for combined arms combat; skills in using individual NBC (CBRN) protection gear; skills in using individual medical protection kits and improvised means for providing first aid for wounds and injuries; skills in working with regulatory legal documents.</p>
<p><b>UC-10 / UC-11</b> Able to form an intolerant attitude towards manifestations of extremism, terrorism, and corrupt behavior and counteract them in professional activities</p>	<p><b>CAIUC 10.1 / CAIUC 11.1</b> Knows the basics of current legislation and other forms of law applicable to professional activity, including legislation in the field of countering manifestations of extremism, terrorism, and</p>	<p><b>Know:</b> current legal norms ensuring the fight against extremism, terrorism, and corruption in various areas of life; methods for preventing these phenomena.</p> <p><b>Be able to:</b> correctly analyze, interpret, and apply legal norms in the field of countering extremism, terrorism, and corruption.</p> <p><b>Possess:</b> knowledge of countering extremism, terrorism, and corruption.</p>

	corruption	
	<p><b>CAIUC 10.2 / CAIUC 11.2</b> Respectfully relates to the norms of current legislation and other forms of law, including the field of countering manifestations of extremism, terrorism, and corruption</p>	<p><b>Know:</b> the system of principles for a respectful attitude towards the norms of legislation in the field of countering manifestations of extremism, terrorism, and corruption.</p> <p><b>Be able to:</b> build one's life position based on a respectful attitude towards current legislative norms in the field of countering manifestations of extremism, terrorism, and corruption.</p> <p><b>Possess:</b> skills in preventing problem situations related to a disrespectful attitude towards legislation in the field of countering manifestations of extremism, terrorism, and corruption.</p>
	<p><b>CAIUC 10.3 / CAIUC 11.3</b> Plans, organizes, and conducts activities that ensure the formation of a civic position and the prevention of manifestations of extremism, terrorism, and corruption in professional activities and society</p>	<p><b>Know:</b> the procedure for planning, organizing, and conducting activities that ensure the formation of a civic position in the field of manifestations of extremism, terrorism, and corruption in professional activities.</p> <p><b>Be able to:</b> conduct activities aimed at ensuring the prevention of manifestations of extremism, terrorism, and corruption in professional activities and society.</p> <p><b>Possess:</b> skills in planning and conducting activities that ensure the formation of a civic position and the prevention of extremism, terrorism, and corruption in professional activities and society.</p>

#### IV. CONTENT AND STRUCTURE OF THE DISCIPLINE

##### 4.1. Total Workload of the Discipline (Module) and Types of Academic Work

Type of Academic Work	Total Hours / Credit Units (Full-time- part-time / Part-time)	Semester 1
Classroom activities (total)	46 / 22 / 22	46 / 22 / 22
<i>Including:</i>		
Lectures	30 / 16 / 16	30 / 16 / 16
Lectures (Electr)	30 / 16 / 16	30 / 16 / 16
Practical classes	16 / 6 / 6	16 / 6 / 6
Lab work		
Consultations	1 / 0 / 0	1 / 0 / 0
Student Self-Study	17 / 42 / 42	17 / 42 / 42
Type of Summative Assessment (Pass/fail, Exam), hours (Monitoring)	Pass-fail, 0 / 0 / 4	Pass/ fail, 0 / 0 / 4
Monotoring (Formative assessment)	8 / 8 / 0	8 / 8 / 0
Total Workload:		
Credit Units	2 / 2 / 2	2 / 2 / 2
Classwork, total	55/30/26	55/30/26
Total workload, Hours credits	72 / 72 / 72 2/2/2	72 / 72 / 72 2/2/2

##### 4.2. Learning Content

###### Module 1. Life Safety

###### Topic 1. Theoretical Foundations of Life Safety

Basic provisions of life safety. Emergency situations and their classifications. Safety, its types, and means of ensuring safe living.

###### Topic 2. Natural Hazards and Protection Against Them

Basic concepts of natural hazards. Emergency situations of a geological nature. Emergency situations

of a meteorological nature. Emergency situations of a hydrological nature. Protection against dangerous situations of geological, meteorological, and hydrological nature.

### **Topic 3. Biological Hazards and Protection Against Them**

Basic concepts of biological hazards. Biological hazards posing a potential threat to human health. Characteristics of certain dangerous and especially dangerous human infectious diseases. Especially dangerous diseases of animals and plants. Measures in the focus of bacteriological contamination. Prevention of infectious diseases in humans and animals.

### **Topic 4. Technogenic Hazards and Protection Against Them**

Accidents involving the release of radioactive substances. Accidents involving the release of emergency hazardous chemical substances. Hydrodynamic accidents. Dangerous situations related to fires, explosions, sudden collapse of buildings, and accidents in utility life-support systems. Safety in transport. Rules of conduct and methods of human protection during the occurrence of technogenic hazards.

### **Topic 5. Environmental Safety**

Changes in the state of land. Changes in the properties of the air environment. Changes in the state of the hydrosphere. Changes in the state of the biosphere. The impact of atmospheric pollution on humans, flora, and fauna.

### **Topic 6. Social Hazards and Protection Against Them**

Hazards of a social nature, their classification. Forecasting social hazards. Social hazards associated with the use and distribution of psychoactive substances. Extremism and terrorism as a global problem of our time. Protection of the population in case of threat and occurrence of military conflicts. Actions in dangerous situations related to terrorism.

### **Topic 7. Basics of Information Security**

Information security. Information hazards and threats. Confidential information and its protection. Hazards arising when working in the information environment.

### **Topic 8. First Aid to Victims**

Concept of first aid. Goals of first aid. Optimal timing for providing first aid. Principles of providing first aid. Procedure for providing first aid. List of conditions requiring first aid. Priority actions when providing first aid to the sick and injured (universal first aid algorithm). First aid for bleeding, bruises, fractures, fainting, drowning, heart attack, stroke, and cardiac arrest.

## **Module 2. Anti-corruption Policy**

### **Topic 9. Anti-corruption Policy**

Concept, signs, and types of corruption. Forms of corruption manifestations. Corruption and social life. Civic counteraction to corruption. The concept of anti-corruption policy as a state function. Legal foundations of countering corruption. Corruption and its counteraction in world history and the

history of the Russian state.

### **Module 3. Countering Extremism and Terrorism**

#### **Topic 10. Countering Extremist Activity**

Basic concepts and principles of countering extremist activity. Main directions of countering extremist activity. Features of applying the legislation of the Russian Federation on countering extremist activity. Organizational foundations of countering extremist activity. Prevention of extremist activity. Responsibility for carrying out extremist activity.

#### **Topic 11. Countering Terrorist Activity**

Legal basis for countering terrorism. Basic principles and concepts for countering terrorism. International cooperation of the Russian Federation in the field of fighting terrorism. Organizational foundations of countering terrorism. Powers of the authorities of the Russian Federation in the field of countering terrorism. Responsibility for involvement in terrorism.

### **Module 4. Basics of Military Training**

#### **Topic 12. General Military Regulations of the Armed Forces of the Russian Federation, Their Main Requirements, and Content**

Structure, requirements, and main content of general military regulations. Rights of military personnel. General duties of military personnel. Military ranks. Unity of command. Superiors and subordinates. Seniors and juniors. Order and instruction. Procedure for giving and executing an order. Military courtesy and military discipline of personnel. Internal order and daily detail. General provisions of the Garrison and Guard Service Regulations. General provisions of the Drill Regulations, drill movements, and movement without weapons.

#### **Topic 13. Radiation, Chemical, and Biological Protection. Basics of Medical Support**

Nuclear weapons. Means of their application. Damaging factors of a nuclear explosion and their impact on the human body, weapons, equipment, and fortifications. Chemical weapons. Toxic substances, their purpose, classification, and impact on the human body. Combat states, means of application, signs of toxic substance use, and their persistence on the terrain. Biological weapons. Main types and damaging effects. Means of application, external signs of application. Incendiary weapons. Damaging effects of incendiary weapons on personnel, weapons, and military equipment; means and methods of protection against them.

Goal, tasks, and measures of NBC (CBRN) protection. Special decontamination measures: degassing, decontamination, disinfection, sanitization. Goals and procedure for partial and complete special decontamination. Technical means and instruments for radiation, chemical, and biological protection.

Individual protection equipment and the procedure for its use. Fitting and technical inspection of individual protection equipment.

Medical support as a type of comprehensive support for troops. Duties and equipment of medical

service officials at the tactical level in combat. General rules for self-help and mutual aid. First aid for injuries from toxic substances and bacteriological agents.

#### **Topic 14. Basics of Tactics of Combined Arms Units**

The Armed Forces of the Russian Federation, their composition and tasks. Tactical and technical characteristics of the main models of weapons and equipment of the AF RF. Essence of modern combined arms combat, its characteristics, and types. Methods of conducting modern combined arms combat and means of armed struggle. Organization of military units and subunits, weapons, and combat equipment of a potential enemy.

#### **Topic 15. Military-Political Training**

New trends and features of the development of modern international relations. Russia's place and role in a multipolar world. Main directions of socio-economic, political, and military-technical development of the Russian Federation. Goals, tasks, directions, and forms of military-political work in the unit, requirements of guiding documents.

#### **Topic 16. Legal Training**

Main provisions of the Military Doctrine of the Russian Federation. Legal basis for military duty and military service. Concept of military service, its types, and their characteristics. Citizens' duties for military registration.

### 4.3. List of sections/topics of the discipline (module) for full-time education

No.	Name of section/topic	Types of academic work, including student self-study, practical training (if any), and workload (in hours)				Assessment tools	Formed competencies (indicators)	Total (in hours)
		Lectures	Pract. classes	Lab. classes	Student Self-Study			
<b>Module 1. Life Safety</b>								
1	Topic 1. Theoretical foundations of life safety	2	2		1	Questioning (oral and written).	UC-8 CAIUC 8.1	5
2	Topic 2. Natural hazards and protection against them	2	2		1	Questioning. Situational tasks. Written paper	UC-8 CAIUC 8.2	5

3	Topic 3. Biological hazards and protection against them	2	2		1	Questioning. Written paper, report, presentation. Situational tasks	UC-8 CAIUC 8.2	5
4	Topic 4. Technogenic hazards and protection against them	2	2		2	Questioning. Situational tasks. Written paper, report, presentation	UC-8 CAIUC 8.2	6
5	Topic 5. Environmental safety	2	2		1	Questioning. Written paper, report, presentation	UC-8 CAIUC 8.1	5
6	Topic 6. Social hazards and protection against them	2	2		1	Questioning. Situational tasks. Written paper, report, presentation	UC-8 CAIUC 8.2	5

7	Topic 7. Basics of information security	2	2		1	Questioning. Written paper, report, presentation	UC-8 CAIUC 8.1	5
8	Topic 8. First aid to victims	2	2		1	Questioning. Situational tasks. Final test for the discipline	UC-8 CAIUC 8.2	5

<b>Module 2. Anti-corruption Policy</b>								
9	Topic 9. Anti-corruption policy	2			1	Testing	UC-10 CAIUC 10.1 CAIUC 10.2 CAIUC 10.3	3
<b>Module 3. Countering Extremism and Terrorism</b>								

10	Topic 10. Countering extremist activity	1			1	Testing	UC-10 CAIUC 10.1 CAIUC 10.2 CAIUC 10.3	2
11	Topic 11. Countering terrorist activity	1			1	Testing	UC-10 CAIUC 10.1 CAIUC 10.2 CAIUC 10.3	2
<b>Module 4. Basics of Military Training</b>								
12	Topic 12. General military regulations of the AF RF, their main requirements and content	2			1	Testing	UC-8 CAIUC 8.1 CAIUC 8.2	3
13	Topic 13. Radiation, chemical, and biological protection. Basics of medical support	2			1	Testing	UC-8 CAIUC 8.1 CAIUC 8.2	3



**Module 1. Life Safety**

1	Topic 1. Theoretical foundations of life safety	2			2	testing	UC-8 CAIUC 8.1	4
2	Topic 2. Natural hazards and protection against them	2	2		4	Questioning (oral, written). Situational tasks. Written paper	UC-8 CAIUC 8.2	8
3	Topic 3. Biological hazards and protection against them				4	Questioning (oral, written). Written paper, report, presentation. Situational tasks	UC-8 CAIUC 8.2	4
4	Topic 4. Technogenic hazards and protection against them	2	2		4	Questioning (oral, written). Situational tasks.	UC-8 CAIUC 8.2	8

5	Topic 5. Environmental safety				4	testing	UC-8 CAIUC 8.1	4
6	Topic 6. Social hazards and protection against them				4	testing	UC-8 CAIUC 8.2	4
7	Topic 7. Basics of information security				4	testing	UC-8 CAIUC 8.1	4
8	Topic 8. First aid to victims				5	testing	UC-8 CAIUC 8.2	5

<b>Module 2. Anti-corruption Policy</b>								
9	Topic 9. Anti-corruption policy	2			1	Testing	UC-10 CAIUC 10.1 CAIUC 10.2 CAIUC 10.3	4

<b>Module 3. Countering Extremism and Terrorism</b>								
10	Topic 10. Countering extremist activity	1			1	Testing	UC-10 CAIUC 10.1 CAIUC 10.2 CAIUC 10.3	2
11	Topic 11. Countering terrorist activity	1			1	Testing	UC-10 CAIUC 10.1 CAIUC 10.2 CAIUC 10.3	2
<b>Module 4. Basics of Military Training</b>								
12	Topic 12. General military regulations of the AF RF, their main requirements and content	2			1	Testing	UC-8 CAIUC 8.1 CAIUC 8.2	3
13	Topic 13. Radiation, chemical, and biological protection. Basics	2	2		1	Testing	UC-8 CAIUC 8.1 CAIUC 8.2	5

	of medical support							
14	Topic 14. Basics of tactics of combined arms units	2			1	Testing	UC-8 CAIUC 8.1 CAIUC 8.2	3
15	Topic 15. Military-political training	0			2	Testing	UC-8 CAIUC 8.1 CAIUC 8.2	2
16	Topic 16. Legal training	0			2	Testing	UC-8 CAIUC 8.1 CAIUC 8.2	2
	TOTAL (in hours)	16	6		42			64

#### 4.4. Guidelines for Organizing Student Self-Study

**In the process of student self-study, students carry out the following types of activities:**

- working with lecture materials, searching for and reviewing literature and electronic information sources;
- studying topics assigned for self-study;
- formulating their own evaluative judgments while solving situational tasks based on the comparison of facts and their interpretation for subsequent presentation during discussions;
- peer-reviewing each other's work and acting as opponents to answers during seminars.

**To organize student self-study for the course, modern information technologies are used:** sets of educational and methodological materials (work program, list of recommended literature and information resources, self-control tasks) placed in the EIES (Electronic Information and Educational Environment), and free access to the Internet for working with databases.

**As part of their self-study, students prepare written papers, reports, and presentations.**

**Students are recommended to read the theoretical material several times until its meaning is fully understood.** The text of the law (article) should be memorized or, at the very least, mastered close to the text of the law. At the same time, students, especially at the initial stages of training, may be recommended to use only literal (i.e., in full accordance with the text (letter) of the law) interpretation.

**Sample topics for term papers — not provided.**

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#### V. EDUCATIONAL, METHODOLOGICAL, AND INFORMATIONAL SUPPORT OF THE DISCIPLINE (MODULE):

##### a) Main Literature:

- **Rezchikov, E. A. Life Safety: textbook for universities / E. A. Rezchikov. — URL: <https://urait.ru/bcode/511426> (accessed: 11.03.2023).**
- **Solomin, V. P. Life Safety for pedagogical and humanitarian areas: textbook and workbook for universities / V. P. Solomin [et al.]; edited by V. P. Solomin. — Moscow: Yurait Publishing House, 2021. — 399 p. — (Higher Education). — ISBN 978-5-534-01400-6. — Text: electronic // Urait Educational Platform [website]. — URL: <https://urait.ru/bcode/468713> (accessed: 11.03.2023).**
- **Rezchikov, E. A. Life Safety: textbook for universities / E. A. Rezchikov, A. V. Ryazantseva. — 2nd ed., revised and enlarged. — Moscow: Yurait Publishing House, 2021. — 639 p. — (Higher Education). — ISBN 978-5-534-12794-2. — Text: electronic // Urait Educational Platform [website]. — URL: <https://urait.ru/bcode/468920> (accessed: 11.03.2023).**
- **Irbaeva, G. R., Klintsova, N. N., Mylnikov, M. A. Anti-corruption Policy: study guide / G. R. Irbaeva, N. N. Klintsova, M. A. Mylnikov. - Kazan: Kazan State Power Engineering University, 2016. - 136 p.**
- **Satarov, G. A. Anti-corruption Policy: textbook for universities / G. A. Satarov [et al.]; edited by G. A. Satarov. — 2nd ed., revised and enlarged. — Moscow: Yurait Publishing House, 2020. — 396 p. — (Higher Education). — ISBN 978-5-534-11757-8. — Text:**

electronic // Urait Educational Platform [website]. — URL: <https://urait.ru/bcode/446183> (accessed: 11.03.2023).

- Bulygin, I. V., Koroshchenko, A. D., Petrov, S. V. **Basics of State Defense and Military Service [Text]: study guide** / I. V. Bulygin, A. D. Koroshchenko, S. V. Petrov; Novosibirsk State Pedagogical University, Moscow Pedagogical State University. - 2nd ed., enlarged and revised. - Novosibirsk: ARTA, 2013. - 224 p.

Вот перевод раздела дополнительной литературы. Как и прежде, названия работ приведены на английском языке, а формат ссылок адаптирован для международного использования.

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#### b) Additional Literature:

- Karakeyan, V. I. **Life Safety: textbook and workbook for universities** / V. I. Karakeyan, I. M. Nikulina. — 3rd ed., revised and enlarged. — Moscow: Yurait Publishing House, 2021. — 313 p. — (Higher Education). — ISBN 978-5-534-05849-9. — Text: electronic // Yurait Educational Platform [website]. — URL: <https://urait.ru/bcode/468409> (accessed: 11.03.2023).
- Kolosov, V. A. **Medical and Biological Foundations of Safety: study guide for universities** / V. A. Kolosov. — Moscow: Yurait Publishing House, 2021. — 463 p. — (Higher Education). — ISBN 978-5-534-14720-9. — Text: electronic // Yurait Educational Platform [website]. — URL: <https://urait.ru/bcode/479364> (accessed: 11.03.2023).
- Rodionova, O. M. **Medical and Biological Foundations of Safety: textbook for universities** / O. M. Rodionova, D. A. Semenov. — Moscow: Yurait Publishing House, 2021. — 340 p. — (Higher Education). — ISBN 978-5-9916-9647-0. — Text: electronic // Yurait Educational Platform [website]. — URL: <https://urait.ru/bcode/471992> (accessed: 11.03.2023).
- **Physicochemical Foundations of Life Safety [Electronic resource]: study guide.** — EVC. — Irkutsk: ISU Publishing House, 2014. — Access mode: "Bibliotech" Electronic Reading Room. — Unlimited access.
- **Life Safety and Human Protection in Emergency Situations [Electronic resource]: study guide.** — enlarged and revised. — EVC. — Irkutsk: VSGAO Publishing House, 2012. — Access mode: "Bibliotech" Electronic Reading Room. — Unlimited access.
- **Martynenko, A. V. [et al.] Prevention of Extremism Among Youth: study guide for universities** / edited by A. V. Martynenko. — Moscow: Yurait Publishing House, 2023. — 221 p. — (Higher Education). — ISBN 978-5-534-04849-0. — Text: electronic // Yurait Educational Platform [website]. — URL: <https://urait.ru/bcode/515087> (accessed: 11.03.2023).
- Kurakin, A. V., Kovrova, V. G. **Countering Corruption Through the Application of Disciplinary Measures: study guide for universities** / A. V. Kurakin, V. G. Kovrova. — Moscow: Yurait Publishing House, 2021. — 90 p. — (Higher Education). — ISBN 978-5-534-12930-4. — Text: electronic // Yurait Educational Platform [website]. — URL: <https://urait.ru/bcode/467980> (accessed: 11.03.2023).
- Levakin, I. V., Okhotsky, E. V., Okhotsky, I. E., Shediya, M. V. **Countering Corruption: textbook and workbook for undergraduate and specialist programs** / edited by E. V. Okhotsky. — 3rd ed. — Moscow: Yurait Publishing House, 2019. — 427 p. — (Bachelor

and Specialist). — ISBN 978-5-534-06725-5. — Text: electronic // Yurait Educational Platform [website]. — URL: <https://urait.ru/bcode/433430>(accessed: 11.03.2023).

- Vannovskaya, O. V. **Psychology of Corrupt Behavior of Civil Servants: monograph** / O. V. Vannovskaya. — 2nd ed., stereotyped. — Moscow: Yurait Publishing House, 2019. — 251 p. — (Current Monographs). — ISBN 978-5-534-06492-6. — Text: electronic // Yurait Educational Platform [website]. — URL: <https://urait.ru/bcode/438083> (accessed: 11.03.2023).
- Kabanov, P. A., Raykov, G. I., Chirkov, D. K. **Anti-corruption Procedural Legislation of the Subjects of the Russian Federation: monograph** / P. A. Kabanov, G. I. Raykov, D. K. Chirkov. — Moscow: Yurait Publishing House, 2020. — 194 p. — (Current Monographs). — ISBN 978-5-534-13428-5. — Text: electronic // Yurait Educational Platform [website]. — URL: <https://urait.ru/bcode/459078> (accessed: 11.03.2023).
- Smirnov, A. T., Mishin, B. I., Vasnev, V. A. **Basics of Military Service [Text]: study guide** / A. T. Smirnov, B. I. Mishin, V. A. Vasnev. — 5th ed., stereotyped. — Moscow: Academia, 2004. — 240 p.
- Tuganov, Yu. N. **Legal Foundations of Military Service: study guide for universities** / Yu. N. Tuganov. — URL: <https://urait.ru/bcode/518943> (accessed: 11.03.2023).

#### c) Periodicals:

- **Life Safety Journal** (Bezopasnost Zhiznedeyatelnosti) – <http://novtex.ru/bjd/> (accessed: 01.06.2021).
- **Basics of Life Safety Journal** (Osnovy Bezopasnosti Zhizni) – <http://obj.mchsmedia.ru/> (accessed: 01.06.2021).

#### d) Author's Methodological Developments:

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## VI. LOGISTICS AND TECHNICAL SUPPORT OF THE DISCIPLINE

## 6.1. Rooms and Equipment

### Rooms

- **Classrooms** for conducting educational sessions as prescribed by the curriculum of the bachelor's program are equipped with specialized furniture and technical teaching aids.
- **Rooms for Student Self-Study** are equipped with computer hardware providing connectivity to the "Internet" and access to the Electronic Information and Educational Environment (EIES) of the Irkutsk State University (ISU).

### Equipment

- Medical training simulators: "Gavryusha", "Glasha", and "Gosha".
- Simulator complex KTNP-01- "ELTEK", Set No. 2.

### Technical Teaching Aids

- Projector EPSON EMP 1707.
- Laptop Samsung R40.
- Laptop Dell 1100GT.
- Sets of demonstration equipment for presentations, providing thematic illustrations and video lectures corresponding to the work program of the "Life Safety" discipline.

## 6.2. Licensed and Software Support

### Software:

- **Operating System:** Windows XP.
- **Antivirus:** Kaspersky Endpoint Security 10.1.

## VII. EDUCATIONAL TECHNOLOGIES

Active and interactive forms of training (computer simulations, case studies, group discussions) are used in the educational process, including distance learning technologies utilized during various types of academic work. These methods develop students' skills in teamwork, interpersonal communication, decision-making, and leadership while forming the required competencies.

In practical classes, to stimulate creative activity, students independently create presentations, select video clips, discuss assignments in small groups, and participate in training sessions, role-plays, and debates.

### Topics of classes with educational technologies

No.	Class Topic	Type of Class	Interactive Training Form / Methods	Number of Hours (Full-time- part-time / Part-time )
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Module 1. Life Safety				
1	Topic 1. Theoretical foundations of life safety	Lecture, Practical	Distance learning technologies. Group discussions	4/2/2
2	Topic 2. Natural hazards and protection against them	Lecture, Practical	Distance learning technologies. Case studies. Group discussions	4/4/4
3	Topic 3. Biological hazards and protection against them	Lecture, Practical	Distance learning technologies. Case studies. Group discussions	4/0/0
4	Topic 4. Technogenic hazards and protection against them	Lecture, Practical	Distance learning technologies. Case studies. Group discussions	4/4/4
5	Topic 5. Environmental safety	Lecture, Practical	Distance learning technologies. Group discussions	4/0/0
6	Topic 6. Social hazards and protection against them	Lecture, Practical	Distance learning technologies. Case studies. Group discussions	4/0/0

7	Topic 7. Basics of information security	Lecture, Practical	Distance learning technologies. Group discussions	4/0/0
8	Topic 8. First aid to victims	Lecture, Practical	Distance learning technologies. Group discussions. Computer simulations	4/0/0
Module 2. Anti-corruption Policy				
9	Topic 9. Anti-corruption policy	Lecture	Distance learning technologies	2/2/2
Module 3. Countering Extremism and Terrorism				
10	Topic 10. Countering extremist activity	Lecture	Distance learning technologies	1/1/1
11	Topic 11. Countering terrorist activity	Lecture	Distance learning technologies	1/1/1
Module 4. Basics of Military Training				
12	Topic 12. General military regulations of the Armed Forces of the RF, their main requirements and content	Lecture	Distance learning technologies	2/2/2

13	Topic 13. Radiation, chemical, and biological protection. Basics of medical support	Lecture, Practical	Distance learning technologies. Group discussions	2/4/4
14	Topic 14. Basics of tactics of combined arms units	Lecture	Distance learning technologies	2/2/2
15	Topic 15. Military-political training	Lecture	Distance learning technologies	2/0/0
16	Topic 16. Legal training	Lecture	Distance learning technologies	2/0/0
	Total hours			46 / 22 / 22

## VIII. ASSESSMENT MATERIALS FOR FORMATIVE ASSESSMENT AND SUMMATIVE ASSESSMENT

### 8.1. Assessment Tools for Formative Assessment

#### 8.1.1. Questions and Assignments for Practical Classes

##### Topic 1. Theoretical Foundations of Life Safety

1. Provide a definition for the concept of "Life Safety."
2. What is the objective of the "Life Safety" subject field?
3. Define the terms "hazard" and "potential hazard." List the characteristics and sources of hazard formation.
4. Name the adverse factors categorized by their degree of impact on the human body.
5. Define the concept of "risk." Name the various types of risk.
6. Define the terms "dangerous situation" and "extreme situation."
7. What is an "emergency situation"? List the main types of emergency situations (ES).
8. Explain the classification of emergency situations based on their characteristics.
9. Name the stages of development of an emergency situation.
10. What is "safety"? Name the different types of safety.
11. Name the tools and measures for occupational safety.
12. Name the types of personal protective equipment (PPE).
13. Name the types of collective protective equipment.

14. Name the socio-pedagogical means of ensuring safety.
15. Identify the main research directions within the subject field of "Life Safety."
16. Create a terminological glossary for the topic. Include at least 15 key terms in the glossary. To define these terms, use only official documents, regulatory legal acts, and State Standards (GOSTs) recommended by the regulatory framework.

## **Topic 2. Natural Hazards and Protection Against Them**

17. Define the terms "natural hazards" and "natural disasters."
18. Into which groups are natural emergency situations (ES) classified?
19. Name the most common natural emergency situations.
20. What is an earthquake?
21. What are the "focus" (hypocenter) and "epicenter" of an earthquake?
22. List the signs of an approaching earthquake.
23. What lithospheric faults are you aware of in the territory of Irkutsk?
24. What is a volcanic eruption? Which regions of the country (and the world) are characterized by this natural phenomenon?
25. Name the destructive factors of volcanic eruptions.
26. Which geological processes are classified as slope processes?
27. State the causes of mudflows. Provide an example of a mudflow occurrence.
28. Define the term "avalanche." Name the factors contributing to the occurrence of snow avalanches.
29. What is a flood? In which season do they typically occur in the Irkutsk region?
30. Do catastrophic rainfalls or snowfalls occur in our region?
31. Have hurricanes or dust storms been recorded in Siberia?
32. Can low temperatures be considered an emergency situation? Why is this dangerous?
33. Can high temperatures be considered an emergency situation? Why is this dangerous?
34. Which natural hazards are found in the Irkutsk region?
35. Develop step-by-step action algorithms for a person:
  - during an earthquake;
  - during a volcanic eruption;
  - during a mudflow;
  - during an avalanche;
  - during and after a flood;
  - during a hurricane, storm, or tornado;
  - during a blizzard;
  - during icy conditions (black ice);
  - during a thunderstorm;
  - during a drought (heatwave);
  - during wildfires.

## **Topic 3. Biological Hazards and Protection Against Them**

1. Define "biological hazards." What can they be associated with?
2. List the pathways of infection into the human body.
3. Name the main stages of the development of a pathological process.
4. Explain the classification of human infectious diseases.

5. List the types of infectious disease pathogens by their nature of origin.
6. Name the most dangerous infectious diseases where the chance of recovery is a fraction of a percent.
7. How is the prevention of infectious diseases carried out?
8. Name the main types of immunity.
9. What is quarantine? How are quarantine measures implemented?
10. What is observation? Name the regime measures in an observation zone.
11. What is disinfection? Name the types of disinfection.
12. Define the terms "disinfestation" (pest control) and "deratization" (rodent control).
13. Name particularly dangerous animal diseases.
14. Name particularly dangerous plant diseases.
15. Create a terminological glossary for the topic, including the names of dangerous and particularly dangerous human infectious diseases.

#### **Topic 4. Technogenic (Man-made) Hazards and Protection Against Them**

1. Define the terms "technogenic hazards" and "accident."
2. State the causes of technogenic accidents.
3. Why are accidents involving the release of radioactive substances dangerous?
4. Define the term "radiation accident."
5. Define the term "ionizing radiation." Name the types of ionizing radiation.
6. Name the stages of radiation sickness.
7. Are there any radiation-hazardous facilities in the Irkutsk region?
8. Define the term "chemical accident."
9. What chemically hazardous facilities are located in the Irkutsk region?
10. Why are accidents involving the release of hazardous chemical substances (HCS) dangerous?
11. Define the terms "fire" and "explosion."
12. What fire- and explosion-hazardous facilities are located in the Irkutsk region?
13. Name the hazardous factors of a fire.
14. State the causes of building and structure collapses.
15. Name the types of accidents in utility life-support systems.
16. Define the term "hydrodynamic accident." Why are accidents at hydrodynamic-hazardous facilities dangerous?
17. Name the main destructive factors of hydrodynamic accidents.
18. Develop action algorithms for a person:
  - during an accident involving radioactive release;
  - during an accident involving the release of hazardous chemicals;
  - during a fire in a residential building;
  - during a sudden building collapse;
  - in the event of a threat of a hydrodynamic accident;
  - in flood conditions during a hydrodynamic accident;
  - after a hydrodynamic accident;
  - during accidents in utility systems;
  - during an accident in public urban transport;
  - during a railway accident;
  - during an aviation accident;

- during emergency situations on water transport.

### **Topic 5. Environmental Safety**

1. Define the terms "ecological emergency zone" and "ecological disaster zone."
2. Why do environmental emergency situations occur? Name the main groups of environmental ES.
3. Causes and types of changes in the ecological state of land.
4. Causes and types of changes in atmospheric properties.
5. Causes and types of changes in the state of the hydrosphere.
6. How does air pollution affect humans, flora, and fauna?
7. What global environmental problems are observed in the Irkutsk region?
8. Why is environmental protection currently a priority task?
9. Prepare a report on an environmentally unfavorable territory in the Irkutsk region. Explain the causes and measures to reduce the impact of extreme factors.
10. Prepare a written report on: "My proposals for solving the problem of air pollution in Irkutsk."

### **Topic 6. Social Hazards and Protection Against Them**

1. Define "social hazards."
2. Name the types of social hazards.
3. Explain the classification of social hazards based on their origin.
4. Name the most common social emergency situations.
5. What is terrorism? What are the main characteristics of modern terrorism?
6. What is extremism? Which actions are considered extremist?
7. What are mass riots? Provide examples of mass riots based on real historical events.
8. Provide examples of negative social processes associated with the distribution and use of alcohol and drugs.
9. What is a crime? Provide examples.
10. What rules must a person follow to ensure personal safety against criminal attacks?
11. Name the Civil Defense (CD) signals. Explain the actions of the population upon receiving CD warning signals.
12. What means of human protection are used in wartime?
13. Dispersal of workers and employees. Evacuation of the population.

### **Topic 7. Basics of Information Security**

1. Define the terms "information" and "information security." Name the types of information.
2. What methods of ensuring information security exist in the Russian Federation?
3. Sources of internal threats to information security.
4. Sources of external threats to information security.
5. Classification of information threats by their impact on information security objects.
6. Define "confidential information." What data is considered confidential?
7. Define the terms "official secret" and "professional secret."
8. Prepare a report on: "Types of hazards in the information sphere, their causes, and consequences."
9. Prepare a report on: "Risks and threats of information terrorism."

10. Prepare a report on: "Countermeasures against criminal hazards in the information environment."
11. Prepare a report on: "Information Warfare."

## **Topic 8. First Aid**

1. Define "first aid." State the goals of first aid.
2. State the optimal timeframe for providing first aid.
3. Explain the principles of providing first aid.
4. Explain the procedure for providing first aid.
5. List the conditions/states in which first aid is provided.
6. Explain the universal first aid algorithm.
7. Develop action algorithms for providing first aid:
  - for bleeding;
  - for bruises;
  - for fractures;
  - for fainting;
  - for drowning;
  - for a heart attack;
  - for a stroke.

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### **8.1.2. Situational Tasks**

#### **Topic 2. Natural Hazards and Protection Against Them**

1. While walking, you suddenly feel ground tremors and notice trees and hanging signs swaying. A flowerpot falls from a balcony. Determine your actions.
2. Your apartment is on the 5th floor. While sleeping, you feel the walls shaking and furniture vibrating. Determine your actions.
3. While outdoors, you decide to set up camp. Your friends choose a spot on the edge of a cliff that seems solid, but moves slightly when more than two people stand on it. Determine your actions.
4. While walking on a snowy mountain slope, you see a slab of snow break off and move downhill at high speed, forming an avalanche. Determine your actions if you are: a) in the center of its path; b) at the foot of the mountain; c) observing from the side.
5. While staying at a hotel at the foot of a mountain, heavy rain starts and continues into the evening. You notice strong streams of water and mud descending from the mountain. Determine your actions.
6. A flood warning is issued for your settlement. Your house is in the predicted flood zone. Determine your actions before and during the flood.
7. A hurricane warning is received. Determine your actions before and during the hurricane.
8. A warning about icy conditions (black ice) is issued. What personal safety rules will you follow?
9. During a winter drive, a heavy snowstorm begins. Determine your actions.
10. A summer heatwave with extreme temperatures occurs. You are in the city. Determine your actions.

### **Topic 3. Biological Hazards and Protection Against Them**

1. You wake up feeling unwell but have a busy schedule. You have antiviral medication at home. Determine your actions and justify the potential consequences.
2. While walking, you are bitten by a dog. Your actions.
3. While in the forest, you are bitten by a snake. Your actions.

### **Topic 4. Technogenic Hazards and Protection Against Them**

1. An accident at a local cold storage plant results in an ammonia leak. An evacuation message is broadcast. Determine your actions.
2. An accident at a water treatment plant results in a chlorine leak. Determine your actions.
3. A gas explosion causes a partial collapse of the neighboring entrance of your building. Determine your actions.
4. Following prolonged floods, there is a threat of a dam breach. EMERCOM announces an evacuation. Determine your actions.
5. Identify which of these are technogenic (man-made):
  - A train derails due to a flood;
  - An earthquake causes a gas leak from a main pipeline;
  - A hurricane breaks trees;
  - A leak of flammable material at a factory causes a fire.
6. The day after radioactive contamination, you must leave your home and walk 500 meters to board an evacuation bus. Determine your actions.

### **Topic 6. Social Hazards and Protection Against Them**

1. You are meeting friends and know you will return home late. What personal safety rules will you follow?
2. You are taken hostage. What rules must you follow to reduce the threat to your life and health?
3. Information is received about possible armed conflicts in your area. List the rules of behavior during such threats.
4. You are heading to a mass event (a concert). Determine your actions to ensure personal safety in large crowds.
5. You find a suspicious object under a seat in a bus. You need to exit at the next stop. Describe your behavior.

### **Topic 8. First Aid**

1. A person who fell from a height is lying on the sidewalk. They are conscious but speech is slurred. They claim to have fallen from the second floor and complain of severe back and chest pain. Determine your actions.
2. In an unventilated room, a woman feels nauseous, short of breath, and faints. Her skin is pale and cold. What do these signs indicate? Determine your actions.
3. A 3-year-old child spills hot tea on themselves. The skin on the leg is red with transparent blisters. Determine your actions.
4. A student falls down the stairs and complains of pain in the right forearm, which appears deformed. What injury is suspected? Your actions?

5. After a car accident, a young man has a 3x5 cm wound on his thigh with heavy pulsating bleeding. How do you provide first aid?
6. A group of four teenagers is lost in the forest. One has a sprained ankle and cannot walk. What is the adequate algorithm of behavior?
7. You see an elderly woman on a bench looking pained and sweating. She complains of crushing chest pain. How will you act?

### **8.2. Written paper Topics (Topics for Research Papers)**

1. Geological hazards and their manifestations in the Russian Federation and worldwide.
2. Hydrological hazards and their manifestations in the Russian Federation and worldwide.
3. Types and features of weapons of mass destruction (nuclear, chemical, and biological) and their destructive factors.
4. Ecological state of water basins (student's choice) in the Russian Federation and the Irkutsk region.
5. Rules of safe behavior and methods of protecting life and health during mass riots.
6. Characteristics of wartime emergency situations and their destructive factors.
7. Mental and physical drug addiction: Medical and social consequences.
8. Human culture and personal safety.
9. International cooperation in the field of public life safety and environmental protection.
10. Epidemics and pandemics.
11. Accidents at chemically hazardous facilities.
12. Accidents at radiation-hazardous facilities.
13. Hydrodynamic accidents.
14. Air pollution and its consequences.
15. Types of civil defense protective structures and their purposes.
16. Personal protective equipment (PPE).
17. Evacuation of the population to safe areas.
18. Methods and means of public protection in emergency situations.
19. The essence of modern religious extremism.
20. Terrorism: Major terrorist organizations, their goals, and objectives.
21. Origins and characteristic features of modern terrorism.
22. Information hazards and threats.
23. Confidential information and its protection.
24. Mental and physical violence and protection against them.
25. Depletion and pollution of natural waters.
26. Changes in the state of the biosphere.
27. Ecological functions of forests.
28. Urban ecology.
29. Wildfires (natural fires).

#### Written paper Assessment Criteria

content	Analyzes the studied material, identifies the most significant facts and scientific propositions to cover the topic, and maintains a logical sequence in the presentation of the material.
Question argumentation	Demonstrates critical thinking when answering follow-up questions.
Paper format	Uses illustrative and visual materials effectively. Demonstrates a

	high level of speech culture (clarity, terminology, and professional tone).
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### 8.3. Student Performance Evaluation Criteria

**"Excellent" (A):** The student demonstrates fluent mastery of the theoretical concepts of the discipline; shows a systematic understanding of the educational material and the ability to establish links between theoretical concepts; is able to transfer theoretical knowledge into practical applications; freely performs all tasks prescribed by the program; has mastered the main literature and is familiar with the additional literature recommended by the program; understands the significance of the acquired knowledge for their future profession; and demonstrates creative abilities in understanding, presenting, and utilizing the curriculum material.

**"Good" (B):** The student possesses solid theoretical knowledge and operates with it quite fluently; successfully performs the tasks prescribed by the program; has mastered the main literature recommended in the program; demonstrates a systematic nature of knowledge in the discipline and is capable of independent replenishment and updating of knowledge during further studies and professional activities; carries out a partial transfer of theoretical knowledge into an applied field; shows minor inconsistencies in establishing interrelationships between theoretical concepts.

**"Satisfactory" (C):** The student demonstrates knowledge of the basic educational material in the volume necessary for further study and future professional work; copes with the tasks prescribed by the program; is familiar with the main literature recommended by the program; makes errors during the final assessment but possesses the necessary knowledge to correct them under the guidance of the instructor.

**"Unsatisfactory" (F):** The student demonstrates fragmented knowledge; fails to transfer theoretical knowledge into practice; there is a complete lack of knowledge integration.

### 8.4. TEST ASSIGNMENTS

1. Emergency situations (ES) that cause severe consequences (numerous human casualties and significant material damage):

A) technogenic B) social C) environmental D) biological

Correct answer: A

2. An accident (avariya) is:

A) a violation of the technological process in production

B) damage to mechanisms, machine tools, vehicles, and human death

C) failure or damage of any machines, mechanisms, devices, communications, structures, or their systems, etc.

Correct answer: C

3. A catastrophe is:

A) a major accident with large material damage B) an accident with human casualties

C) an accident with material damage and human casualties

D) a sudden event resulting from human actions or a hazardous natural phenomenon, leading to numerous human casualties, disruption of life processes, significant material damage, and environmental destruction.

Correct answer: D

4. The most dangerous period for avalanches is:

A) winter, immediately after precipitation

B) winter and autumn, from 2:00 PM until sunset

C) spring and summer, from 10:00 AM until sunset

D) spring and autumn, from 2:00 PM until sunset

Correct answer: D

5. Tsunami action is NOT dangerous:

A) in the open ocean

B) on mountainous coasts

C) on coasts with a gentle slope D) in open bays and gulfs

Correct answer: B

6. To avoid a lightning strike, it is best to:

A) hide under a rocky overhang

B) take shelter under a lone tree with a wide crown

C) hide in a dry hole, ditch, or ravine

D) stay on land rather than in the water

Correct answer: C

7. Which fires are difficult to extinguish?

A) peat fires B) ground fires C) crown fires D) steppe fires

Correct answer: A

8. A mudflow (sel) is:

A) a continuous flow of mud, stones, and water B) a continuous flow of snow, water, and sand C) the movement of cooled magma D) shifting rocks

Correct answer: A, B

9. Causes of earthquakes:

A) collision of tectonic plates B) ruptures in the earth's crust C) decrease in atmospheric pressure D) human activity

Correct answer: A, B

10. In the "Life Safety" discipline, the most important concepts are:

A) habitat B) risk C) activity D) hazard and safety

Correct answer: D

11. Deratization is:

A) the mass spread of human infectious diseases B) the process of exterminating rodents C) the process of destroying pathogens of infectious diseases in humans and animals D) the process of destroying insects that carry diseases

Correct answer: B

12. Cholera belongs to which type of infection?

A) respiratory tract B) skin C) blood D) intestinal

Correct answer: D

13. The waterborne transmission route is characteristic of:

A) typhus B) brucellosis C) tick-borne encephalitis D) cholera

Correct answer: D (Note: typhus is usually vector-borne; cholera is the classic waterborne example)

14. Which substance cannot be detected using human sense organs?

A) chemical B) radioactive C) bacterial D) physical

Correct answer: B

15. Viral diseases include:

A) cholera B) plague C) smallpox D) hepatitis

Correct answer: C, D

16. Destructive factors of an explosion include:

A) high temperature and a breach wave B) fragmentation fields and shock wave C) strong gas contamination of the area D) fragmentation fields and high temperature

Correct answer: B

17. In case of a partial building collapse, you should:

A) go out onto the balcony and call for help B) exit the building via the stairs, if they are not damaged C) stay in the apartment until help arrives D) descend via the fire escape

Correct answer: B

18. Rules for safe behavior in water:

A) you can swim anywhere B) you can dive everywhere C) swim past the buoys D) swim in strictly designated areas, sober, and near other people

Correct answer: D

19. If being pursued or attacked by a criminal:

A) try to run away B) during an armed robbery, do not give up belongings and argue C) try not to use protective equipment D) do not distract the attacker, act indecisively

Correct answer: A

20. Train cars that pose the greatest threat to passengers during a collision:

A) middle cars B) the first and last cars C) the last and penultimate cars D) the first and second cars

Correct answer: B

21. Which of the following belongs to combat support?

A) pontoon-bridge support B) transport support C) topographic support D) technical support

Correct answer: C

22. Can the Armed Forces of the RF be used to combat terrorism?

A) only to intercept aircraft B) only in internal waters C) only for counter-terrorist operations D) in all cases provided by law

Correct answer: D

23. The federal executive body that conducts military policy and manages defense in the RF is:

A) The General Staff of the Armed Forces of the RF B) The Ministry of Defense of the Russian Federation C) The Security Council of the RF D) The Military District

Correct answer: B

24. Defense of the Russian Federation is:

A) a system of political, economic, military, social, legal, and other measures to ensure the state's

readiness for protection against armed attack B) a system of military legislation C) a system of measures to attack the enemy D) a system of military units and organizations

Correct answer: A

25. The Armed Forces of the Russian Federation were created on:

A) Feb 23, 1918 B) May 7, 1992 C) Dec 26, 1991 D) Oct 1, 1992

Correct answer: B

26. The Ground Forces include:

A) motorized rifle, stationary rocket complexes, engineering, signal troops, fighter aviation B) motorized rifle, infantry, armored, mobile rocket, marines, army intelligence, rear units C) motorized rifle, tank, rocket troops and artillery, air defense troops, special troops units, rear units and institutions

Correct answer: C

27. The principle of military comradeship "Perish yourself, but save your comrade" was formulated by:

A) Alexander Suvorov B) Dmitry Donskoy C) Alexander Nevsky D) Mikhail Kutuzov

Correct answer: A

28. The highest state award of the Russian Federation is:

A) "Gold Star" of the Hero of the RF B) Order of St. Andrew the Apostle the First-Called C) Order "For Merit to the Fatherland" D) Order of Honor

Correct answer: B

29. A serviceman must take the Military Oath within:

A) 3 months B) 6 months C) 2 months D) 4 months

Correct answer: C

30. At what age does criminal liability for terrorism begin?

A) 16 B) 12 C) 18 D) 14

Correct answer: A (Note: For some terrorist acts, liability starts at 14 in Russia, but 16 is the general age)

31. Who or what suffers the most harm from terrorist explosions on the railway?

A) people and material values B) public order bodies C) moral values D) authorities

Correct answer: A

32. Extremist activity includes:

A) creating civil defense formations B) calling for a rally to protect rights C) hooliganism on vacation D) inciting racial, national, or religious hatred

Correct answer: D

33. Main threats of a terrorist nature include:

A) theft of paintings B) attacks on political and economic objects C) blackmailing a governor D) hostage-taking

Correct answer: B, D

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### **Test Grading Criteria:**

- **Excellent:** Completion of 90% of test items.
- **Good:** Completion of 65% to 90% of test items.
- **Satisfactory:** Completion of more than 50% of test items.
- **Unsatisfactory:** Completion of 50% or fewer test items.

### **SUMMATIVE ASSESSMENT (CREDIT/PASS)**

#### **Module 1. Life Safety - Questions:**

1. Basic provisions of life safety.
2. Emergency situations and their classifications.
3. Safety: types and means of ensuring life safety.
4. Basic concepts of natural hazards.
5. Geological emergency situations.
6. Meteorological emergency situations.
7. Hydrological emergency situations.
8. Protection from geological, meteorological, and hydrological hazards.
9. Wildfires.
10. Basic concepts of biological hazards.
11. Biological hazards posing a threat to human health.
12. Characteristics of dangerous and particularly dangerous human infectious diseases.
13. Particularly dangerous diseases of animals and plants.
14. Measures in the focus of bacteriological contamination.
15. Prevention of infectious diseases in humans and animals.
16. Accidents involving the release of radioactive substances.
17. Accidents involving the release of hazardous chemicals.
18. Hydrodynamic accidents.
19. Emergencies involving fires, explosions, building collapses, and utility system failures.
20. Rules of behavior and protection methods during technogenic hazards.
21. Changes in the state of the land.
22. Changes in atmospheric properties.
23. Changes in the state of the hydrosphere.
24. Changes in the state of the biosphere.

25. Influence of air pollution on humans, flora, and fauna.
26. Social hazards and their classifications.
27. Forecasting social hazards.
28. Social hazards associated with the use and distribution of psychoactive substances.
29. Extremism and terrorism as a global problem of modern times.
30. Protection of the population during military conflicts.
31. Actions in dangerous situations related to terrorism.
32. Information security. Information hazards and threats.
33. Confidential information and its protection.
34. Hazards arising from working in the information environment.
35. Concept and goals of first aid.
36. Optimal timeframes and principles of first aid.
37. Procedure for providing first aid.
38. List of conditions requiring first aid.
39. Universal algorithm for first aid.
40. First aid for bleeding.
41. First aid for bruises.
42. First aid for fractures.
43. First aid for fainting.
44. First aid for drowning.
45. First aid for heart attack.
46. First aid for stroke.
47. First aid for cardiac arrest.
48. The role of the human factor in hazardous situations. Axioms of life safety.
49. Chlorine: impact on the human body and actions during a release.
50. Ammonia: impact on the human body and actions during a release.
51. Fire, combustion, explosion. Hazardous factors of fire.
52. Fire in the home: causes, behavioral algorithm, and fire prevention.
53. Hazards of public transport. Road accidents and human actions.
54. Emergency situations on railway transport: causes and actions.
55. Plane crashes. Decompression conditions and human actions.
56. Water transport: causes of accidents and safe behavior.

## ***Module 2. Anti-Corruption Policy***

### ***Questions for Test Preparation:***

1. What is "corruption"?
2. The structure of corruption. Types and forms of corruption.
3. Reasons for the prevalence of corruption in modern Russia and the world.
4. The essence of corruption. Negative consequences of corruption for society and the state.
5. What is "countering corruption"?
6. What constitutes the legal basis for countering corruption?
7. What are the basic principles of countering corruption?
8. What measures for corruption prevention are provided by anti-corruption legislation?
9. What is a "conflict of interest"?
10. List the measures you know for settling a conflict of interest.

11. Historical roots of corruption abroad.
12. Historical roots of corruption in pre-revolutionary Russia.
13. The difference between the concepts of "mzdoinstvo" (taking bribes for legal acts) and "likhoimstvo" (taking bribes for illegal acts) in the anti-corruption legislation of Tsarist Russia.
14. Characteristic features of anti-corruption policy and legislation during the Soviet period.
15. What are the main provisions of international anti-corruption legislative acts ratified by the Russian Federation?
16. Which current regulatory acts of the Russian Federation contain anti-corruption norms?
17. International legal acts regulating the fight against corruption.
18. Main functions of state bodies in the field of countering corruption.
19. Professional and ethical foundations of the activities of state and municipal employees.
20. The subject and functions of administrative ethics.
21. Which intergovernmental and non-governmental international organizations create conditions for joining efforts in countering transnational corruption?
22. Which countries, along with Russia, did not find it possible to implement Article 20 of the United Nations Convention against Corruption?
23. Disciplinary liability for offenses related to corrupt activities.
24. Concept and types of administrative offenses of a corrupt nature.
25. List the types of crimes which, according to international legal acts (European Criminal Law Convention on Corruption (1999); Convention against Transnational Organized Crime (2000); UN Convention against Corruption (2003)), are classified as corruption crimes.
26. Civil society against corruption in Russia.

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### ***Module 3. Countering Extremism and Terrorism***

Questions for Test Preparation:

1. Extremism and terrorism as phenomena of the modern world.
2. The emergence of terrorist methods in politics.
3. Terrorist and extremist groups in antiquity and the Middle Ages.
4. Terrorist and extremist groups in modern history.
5. The relationship between the concepts of "terror" and "terrorism."
6. Political, social, economic, and cultural prerequisites for the emergence of terrorism.
7. The influence of religion on the formation of terrorist movements.
8. Interconfessional conflicts as a prerequisite for terror.
9. Totalitarian sects.
10. The difficulty of unifying the definition of terrorism.
11. International terrorism and its main characteristics.
12. Types of international terrorism.
13. Features of modern terrorism in the context of globalization.
14. The impact of terrorism on the national security of the state.
15. The impact of terrorism on the political sphere of society.
16. The impact of terrorism on the social and cultural spheres of society.
17. The link between the problem of terrorism and global issues (human rights, poverty, illiteracy, underdevelopment of certain regions).
18. Anti-terrorist and counter-terrorist activities of the state.

19. The role of international organizations in the fight against terrorism.
  20. The problem of fighting extremism and terrorism in Russian legislation.
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### ***Module 4. Basics of Military Training***

Questions for Test Preparation:

1. Modern military doctrine.
2. Tasks of the state in the field of ensuring military security.
3. Russian military legislation in the field of defense.
4. Objectives of peacekeeping operations of the Armed Forces as a new task for maintaining peace.
5. Tasks and main functions of the Armed Forces.
6. Leadership of the Armed Forces, recruitment, and command of troops.
7. Patriotism and loyalty to military duty as the main qualities of a defender of the Fatherland.
8. Organization of military registration and its purpose.
9. Mandatory preparation of citizens for military service.
10. Voluntary preparation of citizens for military service.
11. Organization of medical examination for citizens during military registration.
12. The serviceman as a defender of the Fatherland.
13. Combat training and education.
14. Service and combat activities.
15. Real combat operations.
16. The serviceman as a subordinate who observes the Constitution and laws of the RF, follows military regulations and commands.
17. Military service as a special type of federal state service.
18. The Constitution of the RF on the protection of the Fatherland.
19. Liability of military personnel.
20. Regulations of the Armed Forces: content and main provisions.
21. Military uniforms and insignia of rank for personnel of the Armed Forces of the RF.
22. Rights of military personnel.
23. Drill training.
24. Firearm training.
25. Tactical training.
26. Modern combat and its characteristics.

#### **8.5. Assessment and Grading Rules**

A "Pass" (Credit) is awarded if the student:

- Completed all independent study assignments assigned during the semester.
- Successfully passed the final tests for the modules: "Life Safety," "Anti-Corruption Policy," "Countering Extremism and Terrorism," and "Basics of Military Training."
- Successfully passed the interview on the "Life Safety" module credit questions.

A "Pass" (Credit) is NOT awarded if the student:

- Did not complete or partially completed the independent study assignments.
- Did not prepare or failed to defend a written paper (report) on one of the proposed topics.
- Did not pass the final testing or questioning (received an "unsatisfactory" grade).

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The document is compiled in accordance with the requirements of the FSES HE (Federal State Educational Standard of Higher Education).

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