

Financial University under the Government of the Russian Federation

(full name of education institution/branch)

**Life Safety Teaching Department**

(name of department/teaching department)

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Life Safety

(subject name)

## **SYLLABUS**

*Level of Study: Bachelor's Degree*

*Field of Study: \*Economics\**

*Study Program: \*Economics\*, \*Management\**

## Syllabus

### 1. Name of a subject Life Safety

### 2. Mapping of learning outcomes (list of competences), with the relevant indicators described and subject learning outcomes indicated

The section lists the graduates' coded competencies that are to be developed during the learning process, indicators that show their development (generalized descriptions of specific actions performed by the graduate that clarify and reveal the competence content), learning outcomes (knowledge, skills) with indicators of competence development (in the form of a table):

Table 1

Competence code	Competence	Competence development indicators <sup>1</sup>	Learning outcomes (skills <sup>2</sup> , and knowledge) and indicators that show competence development
YK-7	Ability to create and support safe conditions of life activity and apply the basic protection methods of possible consequences of accidents, disasters / natural disasters	1 Identifies and eliminates problems associated with violations of safety at the workplace, ensuring safe working conditions.	<p>Know:</p> <p>requirements of the fundamentals of legislation on the OSH management system.</p> <p>Skills:</p> <ul style="list-style-type: none"> <li>- put into practice health saving technologies to ensure safety and create comfortable working conditions.</li> <li>- use methods for assessing and increasing indicators for the prevention of industrial disasters; safe conditions for injuries and accidents by effectively managing risk factors in the workplace.</li> </ul>
		2 Carries out measures to protect the population of territories in emergency situations.	<p>Know:</p> <ul style="list-style-type: none"> <li>- types of means of collective protection of the population,</li> <li>measures to shelter the population in protective structures of civil defense, the order of bringing protective structures in readiness to receive shelter and shelter of the population and workers.</li> </ul> <p>Skills:</p> <p>simulate and evaluate space-planning collective defense solutions in economic facilities</p>

<sup>1</sup> To be filled in when the updated Financial University educational standards and federal state educational standards of higher education "3++" are implemented.

<sup>2</sup> Skills are described when the Financial University educational standards of the 1<sup>st</sup> generation and federal state educational standards of higher education "3+" are implemented.

		3 Finds ways to solve situations related to human life safety.	<p>Know principles and methods of protecting the population and territories in emergency situations.</p> <p>Be able to:</p> <ul style="list-style-type: none"> <li>- identify the dangers of the human environment, assess the risk of their implementation;</li> <li>- solve the tasks to ensure human security and security of the environment,</li> <li>- execute analysis and draw the appropriate conclusions,</li> <li>- use basic protection methods of protecting production personnel and the population from the possible consequences of accidents, disasters, natural disasters.</li> </ul>
		4. Acts in extreme and emergency situations, putting into practice the basic survival.	<p>Know:</p> <ul style="list-style-type: none"> <li>- principles and methods of protecting the population and territories in emergency situations;</li> <li>- a set of legal, organizational, engineering and technical and other measures carried out with the aim of eliminating or reducing to an acceptable level a threat to human life and health, as well as damage to the affected territories during emergencies of various practices of a basic nature in peacetime and wartime.</li> </ul> <p>Be able to:</p> <ul style="list-style-type: none"> <li>- assess the situation and situations in case of emergencies of a man-made, natural and biological-social nature;</li> <li>- make optimal decisions for the organization of emergency rescue and other urgent work;</li> <li>- provide first aid to the affected population.</li> </ul>

### 3. Place of the subject in the curriculum

The discipline "Life Safety" is a compulsory discipline of federal state standards in all areas of the first level of higher education.

The discipline "Life Safety" gives students the opportunity to gain an understanding of the problems of sustainable development, ensuring life safety and reducing the risks associated with human activities, to master the methods of

rationalization of life, aimed at reducing the human impact on the environment and ensuring the safety of individuals and society, to create a safety culture, environmental awareness and risk-based thinking, in which safety and environmental issues are considered as the most important priorities of human life.

**4. Workload in credits and academic hours, with class work (lectures and seminars) and self-study indicated**

The data are presented in the form of a table.

Table 2

Type of work	Total (in credits and hours)	Semester (Module)1 (in hours)	Semester (Module)2 (in hours)
<b>Overall workload</b>	72 / 2	72 / 2	
<i>Class work</i>	34	34	
<i>Lectures</i>	16	16	
<i>Seminars, practicals</i>	18	18	
<i>Self study</i>	38	38	
Formative assessment	Control work	Control work	
Summative assessment	Final exam	Final exam	

**5. Subject content (with the thematic components indicated).**

Theme 1.

Life Safety. Basic concepts, terms, definitions

1. Identification and impact on humans of harmful and dangerous factors in the system “human - the working environment”, “human - technosphere”

2. Classification of conditions for humans in the system “human - environment”

3. General concepts environment”, “human - technosphere”.

4. Danger and safety, types of safety, criteria for comfort, environmental friendliness and negativity of the technosphere.

5. Social environmental factors and their impact on human health.

6. Identification, classification and impact on humans of harmful and dangerous factors in the system “human – the working environment.”

7. Risk classification according to its nature

8. Classifications of hazards

9. Content and characteristics of comfortable conditions and activities providing these conditions.

10. Life safety. The subject, objectives and content of the discipline. The importance of life safety for professional activities and everyday life

Theme 2.

Basic concepts and classification and general characteristics of emergency

1. Concepts, definition, classification and characteristics of emergency

situations.

2. The damaging factors of emergency situations and ways to protect against them.

3. Classification of hazardous objects, the occurrence of accidents, catastrophes and characteristics of the damaging factors.

4. Ways to protect the population and economic objects from emergency.

Theme 3.

Protecting the population and enhancing the sustainable functioning of economic facilities in emergencies

1. Principles, methods and methods of protecting the population and territories in emergency situations. Increasing the sustainability of the functioning of the economy.

2 The system of state and public measures to protect the population and territories in emergency situations.

3 The implementation of the protection of the population in wartime and peacetime. Shelters, evacuation, personal protective equipment.

Theme 4.

Military and social emergencies

1. Definitions, classification of emergency situations of a military nature and major threats for the state and public security.

2. Classification of modern and promising weapons, their striking factors and ways to protect the population.

3. Concepts, definition and classification of emergency situations of a social nature.

Theme 5.

Occupational Health and Safety Management System

1. Normative legal acts, state supervision and control on labor protection and principles of governing the procedure for analysis and management of production risks.

2. General requirements for the OSH management system (System of the labor protection management) in the organization.

3. The system of organization of labor protection management at the enterprise.

Theme 6.

State regulation in the field of protection of the population and territories in emergency situations

1. The requirements of federal law and by-laws in the field of protection of

the population and territories from emergency situations.

2. Definition, tasks, principles of construction, leadership, structure, forces and means of RSCHS and civil defense.

3. Tasks, structure, forces and means of EMERCOM of Russia.

4. The All-Russian comprehensive system for informing and alerting the local population of OKSION.

Theme 7.

Organization of emergency rescue and other emergency operations in case of emergency

1. Concepts, definitions and basic legislative acts on the organization of emergency rescue and other urgent work (NPP and DNR).

2. Classification, structure and basics of manning emergency contingency units in the organization.

3. The technology for emergency rescue and other urgent work (NPP and DNR) in response to emergencies, major accidents and catastrophes.

Theme 8.

Economic consequences of emergencies, material costs for ensuring safe life

1 Organizational and engineering foundations for enhancing the sustainable functioning of economic facilities.

2 Modern market methods of economic security management and the basic principles of regulation of various aspects of security: positive and negative methods of stimulating security.

3 The concept of economic damage, its components and methodological approaches to assessment.

4 Liability for violation of safety requirements: accidents, unfortunates cases of environmental pollution.

**6. List of teaching and methodological materials needed for the students self-study**

**6.1. List of questions for student self-study and types of out-of-class activities**

Table 3

<b>Itemized subject content</b>	<b>Questions the students should answer within the self-study process</b>	<b>Types of out-of-class activities</b>
<p>Theme 1 Life Safety. Basic concepts, terms, definitions</p>	<ol style="list-style-type: none"> <li>1. General concepts in the system "human - environment", "human - technosphere"</li> <li>2. Criteria for comfort, safety, environmental friendliness, negativity of the technosphere and basic forms of human activity.</li> <li>3. Identification, classification, regulation, nomenclature of dangers and their quantification.</li> <li>4. The main forms of human activity and its energy consumption.</li> <li>5. Classification of working conditions.</li> <li>6. Assessment of the severity and intensity of work.</li> <li>7. Social environmental factors and their impact on health of the person.</li> <li>8. Analysis of conceptual and terminological apparatus in the field of safety and environmental protection.</li> <li>9. The role of security issues in the subject (professional) field of knowledge.</li> <li>10. Safety and professional activities</li> <li>11. Security and sustainable development.</li> <li>12. State policy and security.</li> <li>13. Human culture, society and security.</li> <li>14. Professionally determined diseases related with future activities.</li> <li>15. Security and nanotechnology.</li> <li>16. Mobile communications and human health. Analysis of modern research.</li> <li>17. Security is genetically modified food products. Analysis of modern research.</li> </ol>	<p>Study of educational literature. Preparation for a survey and scientific discussion. Preparing for interactive classes.</p>

<p>Topic 2 Basic concepts and classification and general characteristics of emergency</p>	<ol style="list-style-type: none"> <li>1. Conditions of occurrence, stages of development and major damaging factors of emergency situations in the hydrosphere.</li> <li>2. Conditions of occurrence, stages of development and major damaging factors of natural emergencies in the lithosphere.</li> <li>3. Protection of the population and territories from peat fires.</li> <li>4. The moral and psychological state of population before and after fires.</li> <li>5. Statistics of accidents, fires, catastrophes and forecasting possible emergencies.</li> <li>6. Potentially hazardous objects like Sources of danger.</li> <li>7. "Peaceful" atom and its significance in the modern world.</li> <li>8. General information about emergency situations, classification of emergency situations.</li> <li>9. Emergencies in peacetime, their classification and characteristic.</li> <li>10. Natural emergencies, their characteristics.</li> <li>11. Natural disasters of a geological nature, their characteristics, protection of the population.</li> <li>12. Natural disasters meteorological characteristic, methods of protection.</li> <li>13. Natural disasters of a hydrological nature, characteristics, protection.</li> <li>14. Emergency situations of environmental nature, protection.</li> <li>15. Natural fires, especially forest and peat fires.</li> <li>16. Emergencies of a social nature.</li> <li>17. Example of a natural emergency, protection methods</li> </ol>	<p>Study of educational literature. Preparation for a survey and scientific discussion. Preparing for interactive classes.</p>
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<p>Topic 3 Protecting the population and enhancing the sustainable functioning of economic facilities in emergencies</p>	<ol style="list-style-type: none"> <li>1. Measures to prevent the occurrence and development of emergency situations.</li> <li>2. Principles, measures and ways to protect the population and territories in emergency situations.</li> <li>3. Implementation of the protection of the population in wartime and peacetime.</li> <li>4. Ecological emergency, environmental safety strategies.</li> <li>5. The impact of environmental issues on the national security system.</li> <li>6. Fire safety as a system of state and public events.</li> <li>7. The main directions of preventive warning and extinguishing fires.</li> <li>8. Mechanisms for the occurrence and development of fires.</li> <li>9. Hazardous fire factors.</li> <li>10. Recommendations on actions in extreme situations.</li> <li>11. Radiation-hazardous facilities, protection of the population in case of accidents at radiation hazardous facilities.</li> <li>12. Chemically hazardous facilities, protection of the population in case of accidents at chemical hazardous facilities.</li> <li>13. Biologically hazardous facilities, protection of the population in case of accidents at bio hazardous facilities.</li> <li>14. Evacuation and dispersal of personnel of objects of the economy and population.</li> </ol>	<p>Study of educational literature. Preparation for a survey and scientific discussion. Preparing for interactive classes.</p>
<p>Topic 4 Military and social emergencies</p>	<ol style="list-style-type: none"> <li>1. Major threats for the state and public security.</li> <li>2. Classification of modern and promising weapons</li> <li>3. Classification of emergencies of a social nature.</li> <li>4. The system of ensuring national security.</li> <li>5. The possible nature of the military threats of Russia and the wars of the beginning of the 21st century.</li> <li>6. Demographic explosion.</li> <li>7. Hunger.</li> <li>8. Economic crises.</li> <li>9. Criminal crime.</li> <li>10. Corruption.</li> <li>11. Extremist and political struggle.</li> <li>12. National and religious conflicts.</li> <li>13. Essence, historical, socio-political and psychological roots of terrorism.</li> <li>14. Classification of terrorism.</li> <li>15. Features of terrorism in Russia.</li> <li>16. Ensuring security in emergency of a terrorist nature.</li> <li>17. Rules of conduct in dealing with terrorists.</li> </ol>	<p>Study of educational literature. Preparation for a survey and scientific discussion. Preparing for interactive classes.</p>
<p>Topic 5 Occupational Health and Safety Management System</p>	<ol style="list-style-type: none"> <li>1. Normative legal acts, state supervision and control of labor protection.</li> <li>2. Requirements for the OSH management system in the organization.</li> <li>3. System of management of labor protection (at the enterprise).</li> </ol>	<p>Study of educational literature. Preparation for a survey and scientific</p>

	<ol style="list-style-type: none"> <li>4. Hygienic classification of working conditions at the enterprise.</li> <li>5. Methods of analysis of industrial accidents.</li> <li>6. Classification of harmful conditions and the nature of labor in production.</li> <li>7. Medical examination of workers in the workplace.</li> <li>8. State protection of employees.</li> <li>9. Concepts classification and procedure for the investigation of accidents (injuries) at the enterprise.</li> <li>10. Classification of both dangerous and harmful factors in the workplace.</li> <li>11. Forms of labor.</li> <li>12. Creation of rational sanitary conditions at enterprises.</li> <li>13. Ergonomics and technical aesthetics.</li> <li>14. The microclimate of industrial premises.</li> <li>15. The principles governing the analysis and management of production risks.</li> <li>16. Occupational safety at work goals and objectives in accordance with regulatory legal acts.</li> <li>17. Occupational safety and health management system in potentially hazardous industries.</li> <li>18. Conducting a medical examination of workers in hazardous production - advantages and disadvantages.</li> <li>19. Investigation of incidents - the main tasks and problems.</li> </ol>	<p>discussion. Preparing for interactive classes.</p>
<p>Topic 6 State regulation in the field of protection of the population and territories in emergency situations</p>	<ol style="list-style-type: none"> <li>1. Legislation in the field of public protection and territories from emergency.</li> <li>2 Leadership, structure, forces and means of RSCHS.</li> <li>3. Management, structure, forces and means of the Civil Defense.</li> <li>4 Tasks, structure, forces and means of the Ministry of Emergencies of Russia.</li> <li>5. Chapter II: Competences of State Bodies of the Russian Federation, Bodies of Subjects of Russian Federation and Municipal Bodies of Russian Federation in the Sphere of Population's and Territories Protection in Case of Emergency Situations of Natural and Technological Character</li> <li>6. Chapter III: State Management in the Sphere of Population's and Territories' Protection in Case of Emergency Situations</li> <li>7. Chapter IV: Rights and Duties of the Citizens of the Russian Federation in the Sphere of Population's and Territories' Protection in Case of Emergency Situations and Their Social Protection</li> <li>8. Chapter V: Population's Preparation in the Field of Population's Protection Against Emergency Situations</li> <li>9. Chapter VI: Procedure of Financing and Material Provision for Measures Aimed at Population's and Territories' Protection in Case of Emergency Situations</li> </ol>	<p>Study of educational literature. Preparation for a survey and scientific discussion. Preparing for interactive classes.</p>

	<p>10. Chapter VII: State Expertise, Supervision and Control in the Field of Population's and Territories' Protection in Case of Emergency Situations.</p> <p>11. Chapter VIII: International Treaties of the Russian Federation in the Field of Population's and Territories' Protection in Case of Emergency Situations</p> <p>12. Practical aspects of EMERCOM</p> <p>13. Practical aspects of OXION</p> <p>14. Principles and methods of protecting students, teachers and employees of the Financial University from emergency situations.</p> <p>15. The modern civil defense system in the Russian Federation, advantages and disadvantages.</p> <p>16. The use of forces and means of protecting the population from the consequences of large-scale emergencies.</p>	
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<p>Topic 7. Organization of emergency rescue and other emergency operations in case of emergency</p>	<ol style="list-style-type: none"> <li>1. Concepts, definitions and basic legislative acts on the organization of emergency rescue and other urgent work (NPP and DNR).</li> <li>2. Classification, structure and basics of manning emergency contingency units in the organization.</li> <li>3. The technology for emergency rescue and other urgent work (NPP and DNR) in response to emergencies, major accidents and catastrophes.</li> <li>4. Concepts and components of emergency rescue and other urgent work (NPP and DNR) work.</li> <li>5. The staffing of contingencies of civil defense and contingency rescue teams (NF GO and NASF).</li> <li>6. Conditions for rescue and other emergency work (NPP and DNR).</li> <li>7. Creation of a group of forces and means of civil defense (GO) during emergency rescue and other urgent operations (nuclear power stations and the DPR).</li> <li>8. Receptions and methods for performing emergency rescue and other urgent works at the enterprise.</li> <li>9. Ensuring the actions of the civil defense forces (Civil Defense) and RSChS during emergency rescue and other emergency operations (AS and DPR).</li> <li>10. Rescuers: status, activity.</li> <li>11. The procedure for obtaining a rescuer status by a citizen of the Russian Federation.</li> <li>12. The procedure for attracting emergency rescue services and units to emergency response on a regular and non-standard basis.</li> <li>13. Organization of search operations in the rubble of destroyed buildings during earthquakes and explosions.</li> <li>14. Organization of rescue operations in the rubble of destroyed buildings during earthquakes and explosions.</li> <li>15. Organization of emergency rescue and other urgent work at chemical facilities.</li> <li>16. Organization of emergency rescue and other emergency operations at radiation hazardous facilities.</li> <li>17. Organization of rescue work in the mountains and caves.</li> <li>18. Organization of emergency rescue operations on and from under water in the waters of rivers and seas.</li> </ol>	<p>Study of educational literature. Preparation for a survey and scientific discussion. Preparing for interactive classes.</p>
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<p>Topic 8. Economic consequences of emergencies, material costs for ensuring safe life</p>	<p>1 Organizational and engineering foundations for enhancing the sustainable functioning of economic facilities. 2 Modern market methods of economic security management and the basic principles of regulation of various aspects of security: positive and negative methods of stimulating security. 3 The concept of economic damage, its components and methodological approaches to assessment. 4 Liability for violation of safety requirements: accidents, unfortunates cases of environmental pollution. 5. Dilemmas of the progress of a culture of safe life 6. Where is the source of danger, how to neutralize it, and then eliminate it? 7. Which vision of the future should be chosen as the basis: nature-centrism or anthropocentrism? 8. What is more important the whole or part? Public interests or individual? Art or craftsmanship?</p>	<p>Study of educational literature. Preparation for a survey and scientific discussion. Preparing for interactive classes.</p>
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## 6.2. List of questions for students' preparation to formative assessment

1. Life safety as an academic discipline: subject, goals, objectives, main provisions
2. Danger as a central concept of life safety. Classifications, sources
3. Potential danger. Risk, its types
4. The concepts of extreme and emergency situations, classification of emergencies
5. The main causes and conditions of emergencies, stages of development
6. Security and its types
7. Principles, methods, means of ensuring the safety of activities
8. Natural hazards and natural disasters. Classifications
9. Emergencies of a geological nature: types, main characteristics, measures of protection
10. Emergencies of a hydrological nature: types, main characteristics, measures protect
11. Emergency meteorological nature: types, main characteristics, protective measures
12. Biological hazards, their types. Biological emergencies
13. Particularly dangerous infections: plague, cholera, anthrax, natural smallpox
14. Endemic infections of the Tyumen region: tick-borne encephalitis, opisthorchiasis, helminthiasis in the livestock area.
15. Technological hazards and emergencies of a technogenic nature. Sources and classification
16. Radiation hazardous objects of accident on them
17. Radiation effects on the human body
18. Chemically hazardous objects and accidents on them

19. Poisoning with chlorine, ammonia, carbon monoxide. Signs, actions of the population

20. The sudden collapse of the building, the actions of the population.

Warning activity

21. Hydrodynamic accidents. Causes, damaging factors, rules of conduct

22. Accidents in communal life support systems

23. The explosion. The amazing factors of the explosion. Actions of the population

24. Fire - definition, causes, phases, damaging factors

25. Fire and explosion hazardous facilities, their categories according to the degree of fire the dangers

26. Methods of extinguishing fires. Fire-fighting equipment

27. Fire in the house

28. Transport accidents. Precautions, rules of conduct

29. Natural fires, types, actions

30. An emergency of an environmental nature. Causes, types, effects on humans

31. Food Security Fundamentals

32. Social hazards, premises, types, forecasting

33. Social hazards associated with the use of tobacco, alcoholism

34. Social hazards associated with the spread of diseases, sexually transmitted

35. Terrorism, types, causes. Anti-terrorism security

36. Actions in dangerous situations connected with terrorism

37. Information Security

38. RSCHS, structure, tasks

39. Forces and means of the RSCHS, modes of operation

40. Civil defense, tasks. Signal actions of civil defense

41. Collective protective equipment

42. Personal protective equipment: respiratory protection

43. Personal protective equipment: skin protection

44. Personal protective equipment: medical devices

personal protection

45. Evacuation of the population, dispersal of workers and employees

46. First aid, essence, types, principles of rendering

47. Open injuries: wounds, signs, types, first aid

48. Bleeding, classification, main characteristics

49. Signs, methods of stopping capillary and venous bleeding

50. Signs, methods of stopping arterial bleeding

51. Closed injuries: bruises, sprains and torn ligaments, signs, first aid

52. Closed injuries: dislocations, prolonged compression syndrome, signs, first aid

53. Closed injuries: fractures, absolute and relative signs, first aid

54. Bleeding from the nose, ear, stomach. First aid
55. Thermal damage: burns, heat and sunstroke
56. Thermal damage: frostbite, general freezing
57. Acute poisoning by mushrooms, poisonous plants, alcohol
58. Resuscitation measures: indications, stages, performance criteria

## **7. Mandatory and optional reading list**

### **Mandatory reading list**

- 1 Mazurin, E. P, Grazhdanskaya oborona i zashchita ot chrezvychainykh situatsii [Elektronnyi resurs]: uchebnoe posobie / E.P. Mazurin, R.I. Aizman. – Moskva : KnoRus, 2018 – 398 s. – (Bakalavriat i magistratura) – Rezhim dostupa: <https://www.book.ru/book/927505>
- 2 Karakeyan V.I. Bezopasnost' zhiznedeyatel'nosti: Uchebnik bakalavrov / V.I. Karakeyan, I.M. Nikulina — Moskva: Yurait, 2014 — 455 s.
3. Karakeyan V. I. Bezopasnost' zhiznedeyatel'nosti [Elektronnyi resurs]: uchebnik i praktikum dlya akademicheskogo bakalavriata / V. I. Karakeyan, I. M. Nikulina. — Moskva: Yurait, 2019 — 313 s. – Rezhim dostupa: <https://www.biblio-online.ru/book/bezopasnost-zhiznedeyatel'nosti-431714>

### **Optional reading list**

- 1 Vostroknutov, A.L. Zashchita naseleniya i territorii chrezvychainykh situatsiyakh. Osnovy topografii [Elektronnyi resurs]: uchebnik dlya prikladnogo bakalavriata / A.L. Vostroknutov, V.N. Suprun, G.V. Shevchenko; pod obshch. Red. A.L. Vostroknutova. – Moskva: Izdatel'stvo Yurait, 2019 – 399 s. – Rezhim dostupa: <https://biblio-online.ru/book/zaschita-naseleniya-i-territoriy-v-chrezvychaynyh-situatsiyah-osnovy-topografii-432124>
- 2 Belov, S.V. Bezopasnost' zhiznedeyatel'nosti i zashchita okruzhayushchei sredy (tekhnosfernaya bezopasnost') [Elektronnyi resurs] v 2 ch. Chast' 1: uchebnik dlya akademicheskogo bakalavriata / S. V. Belov. — 5-e izd., pererab. i dop. — M.: Izdatel'stvo Yurait, 2017 — 350 s. — (Bakalavr. Akademicheskii kurs). – Rezhim dostupa: <https://www.biblio-online.ru/book/BE25733B-DA70-478E9D41-6850BAE40B12>
- 3 Belov, S. V. Bezopasnost' zhiznedeyatel'nosti i zashchita okruzhayushchei sredy (tekhnosfernaya bezopasnost') [Elektronnyi resurs] v 2 ch. Chast' 2: uchebnik dlya akademicheskogo bakalavriata / S. V. Belov. — 5-e izd., pererab. i dop. — M.: Izdatel'stvo Yurait, 2017 — 362 s. — (Bakalavr. Akademicheskii kurs). - Rezhim dostupa: <https://www.biblio-online.ru/book/56A6DEB8-0913-412C-A4C2-346502C16A28>

## **8. List of IT resources, incl. the list of software, information and reference systems (as appropriate).**

**8. 1. Software:**

1. Windows, Microsoft Office software;
2. ESET Endpoint Security antivirus software; etc.

**8.2. Databases and information and reference systems**

1. Garant information and reference system;
2. Consultant Plus legal information system;

**8.3. Certified software/hardware used for information protection: not provided.**