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**Federal State Autonomous Educational Institution for Higher Education  
PEOPLES' FRIENDSHIP UNIVERSITY OF RUSSIA  
Agrarian and Technological Institute**

## **WORKING COURSE SYLLABUS**

### **Life safety**

**Recommended by the Methodological Council for the Education Field:**

**36.05.01 Veterinary medicine**

## 1. GOALS AND OBJECTIVES OF THE DISCIPLINE

The aim of the "Life safety" discipline is to provide students with an understanding of the patterns of formation of hazards and measures to prevent their impact on people.

## 2. REQUIREMENTS FOR THE RESULTS OF MASTERING THE DISCIPLINE

The development of the discipline "Life safety" is aimed at creating the following competencies (parts of competencies) for students:

*Table 2.1. List of competencies formed by students during the development of the discipline (results of the development of the discipline)*

<b>Шифр</b>	<b>Компетенция</b>	<b>Индикаторы достижения компетенции (в рамках данной дисциплины)</b>
UK-1	The ability to carry out a critical analysis of problem situations based on a systematic approach, to develop a strategy of action.	UK-1.1 Analyzes the task, highlighting its basic components;
		UK-1.2 Defines and ranks the information required to solve the task;
		UK -1.3 Searches for information to solve the task by various types of queries;
		UK-1.4 Offers solutions to the problem, analyzes the possible consequences of their use;
		UK-1.5 Analyzes the ways of solving problems of a philosophical, moral and personal nature based on the use of basic philosophical ideas and categories in their historical development and socio-cultural
UK -3	The ability to organize and manage the work of the team, developing a team strategy to achieve the goal.	UK-3.1 Defines his role in the team based on the strategy of cooperation to achieve the goal;
		UK-3.2 Formulates and takes into account in its activities the peculiarities of the behavior of groups of people, identified depending on the goal;
		UK-3.3 Analyzes the possible consequences of personal actions and plans his actions to achieve the desired result;
		UK-3.4 Exchanges information, knowledge and experience with team members;
		UK -3.5 Argues his point of view regarding the use of the ideas of other team members to achieve the goal;
		UK -3.6 Participates in team work on the

		execution of assignments.
UK -7	The ability to maintain a proper level of physical fitness to ensure a full-fledged social and professional activity.	<p>UK-7.1 Selects health-saving technologies to maintain a healthy lifestyle, taking into account the physiological characteristics of the body;</p> <p>UK-7.2 Plans his working and free time for an optimal combination of physical and mental load and ensuring working capacity;</p> <p>UK -7.3 Observes and promotes the norms of a healthy lifestyle in various life situations and in professional activities.</p>
UK -8	The ability to create and maintain safe living conditions in everyday life and in professional activities for the preservation of the natural environment, ensuring the sustainable development of society, including in the event of a threat and occurrence of emergencies and military conflicts.	<p>UK-8.1 Analyzes the factors of harmful influence on the vital activity of elements of the habitat. (technical means, technological processes, materials, buildings and structures, natural and social phenomena);</p> <p>UK -8.2 Identifies dangerous and harmful factors within the scope of the task being performed;</p> <p>UK-8.3 Identifies and eliminates problems related to safety violations in the workplace;</p> <p>UK-8.4 Explains measures to prevent emergencies;</p> <p>UK -8.5 "Explains the rules of conduct in the event of emergencies of natural and man-made origin, as well as in the event of military conflicts;"</p> <p>UK-8.6 Provides first aid, participates in recovery activities.</p>
UK -12	The ability to search for the necessary sources of information and data, to perceive, analyze, memorize and transmit information using digital means, as well as using algorithms when working with data obtained from various sources in order to effectively use the information received to solve problems; to evaluate information, its reliability, build logical conclusions based on incoming information and data	<p>UK -12.1 Searches for the necessary sources of information and data, perceives, analyzes, remembers and transmits information using digital means, as well as using algorithms when working with data obtained from various sources in order to effectively use the information received to solve problems</p> <p>UK-12.2 Evaluates information, its reliability, builds logical conclusions based on incoming information and data</p>

GPC-3	The ability to carry out and improve professional activities in accordance with regulatory legal acts in the field of agro-industrial complex.	GPC-3.1 He knows modern legal norms, both state and international, regulating activities in the field of veterinary medicine, veterinary and sanitary expertise and agro-industrial complex.
		GPC-3.2 Has the skills of updating legal information, including in the field of agro-industrial complex of professional orientation.
		GPC-3.3 Carries out activities in accordance with regulatory legal acts in the field of agriculture, as well as in the field of veterinary medicine and veterinary and sanitary expertise.
GPC -6	The ability to analyze, identify and assess the risk of the risk of the occurrence and spread of diseases.	GPC-6.1 Has knowledge in the field of etiology and pathogenesis of animal diseases of different species.
		GPC-6.2 Has the skills to diagnose non-infectious, infectious and invasive diseases, identify pathogens of infectious and invasive diseases in animals.
		GPC-6.3 He knows the patterns of the occurrence and spread of diseases in animal populations, factors predisposing to diseases and the causes of possible complications.
PC -9	The ability to carry out therapeutic, including physiotherapy procedures using special equipment in compliance with safety rules.	PC-9.1 Able to carry out therapeutic, including physiotherapy, procedures using special equipment in compliance with safety rules;
		PC -9.2 He is able to take into account the species, age and individual characteristics of animals undergoing treatment using special equipment, choose acceptable methods of fixing the patient during the procedure, the conditions of the procedures and their duration.
PC -16	Ability to organize organizational, technical, zootechnical and veterinary measures aimed at the prevention of non-communicable diseases in accordance with the plan for the prevention of non-communicable animal diseases	PC-16.1 He is able to assess the impact of animal housing and feeding conditions on their health as part of the implementation of action plans for the prevention of animal diseases
		PC-16.2 He is able to carry out veterinary quality control and procurement of animal feed in order to ensure their veterinary and sanitary safety as part of the implementation of action plans for the prevention of animal diseases

		<p>PC-16.3 He is able to detect deviations from the plan of timing, types, quality of measures to prevent the occurrence of non-infectious animals</p> <p>PC-16.4 Take corrective measures to implement measures to prevent the occurrence of non-infectious animal diseases based on the results of control</p> <p>PC-16.5 Conduct conversations, lectures, seminars for employees of the organization in order to explain the principles of work on the prevention of animal diseases</p>
PC -17	Ability to organize disinfection and disinfection of livestock premises to ensure veterinary and sanitary well-being in accordance with the plan of veterinary and sanitary measures	<p>PC-17.1 He is capable of collecting and analyzing information necessary for the organization and planning of veterinary and sanitary measures</p> <p>PC-17.2 He is able to choose the optimal equipment, consumables and medicinal and disinfecting preparations necessary and safe enough for the conduct of veterinary and sanitary measures</p> <p>PC-17.3 He is able to determine the procedure for disinfection, disinsection, deratization and other veterinary and sanitary measures, taking into account the peculiarities of animal husbandry, technical characteristics of premises and epizootic situation</p> <p>PC-17.4 He is able to monitor the results of veterinary and sanitary measures</p>
PC -19	The ability to perform post-mortem diagnostic examination of animals in order to establish pathological processes, diseases, causes of death.	<p>PC-19.1 Able to conduct a general examination of animal corpses before autopsy.</p> <p>PC-19.2 He is capable of performing autopsy of animal corpses using special tools and compliance with safety requirements.</p> <p>PC -19.3 He is able to establish the cause of death and a pathoanatomic diagnosis in accordance with generally accepted criteria and classifications, lists of animal diseases.</p> <p>PC-19.4 He is able to formalize the results of a postmortem diagnostic examination of an animal in the autopsy protocol.</p>

PC -22	Ability to organize measures to protect the organization from the introduction of infectious and invasive diseases in accordance with the plan of antiepidemiological measures.	PC -22.1 He is able to assess the epizootic state of an organization (territory), identify risks and possible causes of epizootic foci, as well as factors affecting their spread in specific organizations, territories.
		PC-22.2 Able to choose and apply the most effective measures to protect the organization from the introduction of infectious and invasive diseases.
		PC-22.3 He is able to carry out operational control of the effectiveness of the activities carried out.

### 3. COURSE IN HIGHER EDUCATION

The discipline "**Life safety**" refers to the mandatory part of block B1 of the Educational Program of Higher Education.

As part of the Educational Program of Higher Education, students also master other disciplines and /or practices that contribute to achieving the planned results of mastering the discipline "**Life safety**".

*Table 3.1. List of Higher Education Program components disciplines that contribute to expected learning outcomes*

<b>Competence code</b>	<b>Competence</b>	<b>Previous Disciplines (Modules)</b>	<b>Subsequent Disciplines (Modules)</b>
UK-1	The ability to carry out a critical analysis of problem situations based on a systematic approach, to develop an action strategy	History Philosophy	Obstetrics, gynecology and andrology Internal diseases General surgery Private Veterinary Surgery Parasitology and invasive diseases Epizootology and infectious diseases Veterinary and sanitary examination Organization of veterinary affairs Maths Fundamentals of Economics and Management Veterinary deontology The basics of intellectual

			<p>work</p> <p>Zoopsychology</p> <p>Organization of state veterinary supervision</p> <p>Career management</p> <p>Space technologies at the service of the agro-industrial complex</p> <p>Reconstructive surgery</p>
UK-3	The ability to organize and manage the work of a team, developing a team strategy to achieve a set goal.	Law science	<p>Operative surgery with topographic anatomy</p> <p>Internal diseases</p> <p>General surgery</p> <p>Private Veterinary Surgery</p> <p>Parasitology and invasive diseases</p> <p>Epizootology and infectious diseases</p> <p>Organization of veterinary affairs</p> <p>Maths</p> <p>Basics of Rhetoric and Communication</p> <p>Introduction to the specialty</p> <p>Fundamentals of Economics and Management</p> <p>Veterinary sanitation</p> <p>Veterinary deontology</p> <p>The basics of intellectual work</p> <p>Personality psychology and professional self-determination</p> <p>Basics of social and legal knowledge</p>
UK-7	Ability to maintain the proper level of physical fitness to ensure full-fledged social and professional activity.	-	<p>Physical education</p> <p>Applied physical education</p> <p>Career management</p>
UK-8	The ability to create and maintain safe living conditions in everyday life and in professional activity to preserve the natural environment, ensure sustainable development of society, including in the event of the threat and	<p>History</p> <p>Inorganic and analytical chemistry</p> <p>Organic chemistry</p> <p>Biological physics</p> <p>Physical and Colloidal Chemistry</p>	<p>Biological chemistry</p> <p>Veterinary Microbiology and Mycology</p> <p>Virology and biotechnology</p> <p>Veterinary radiobiology</p> <p>Parasitology and invasive diseases</p> <p>Epizootology and</p>

	occurrence of emergencies and military conflicts.		infectious diseases Organization of veterinary affairs General and Veterinary Ecology Veterinary sanitation Veterinary deontology Laboratory diagnostics of infectious and invasive diseases Organization of state veterinary supervision
UK-12	The ability to search for the necessary sources of information and data, perceive, analyze, memorize and transmit information using digital means, as well as using algorithms when working with data obtained from various sources in order to effectively use the information received to solve problems; evaluate information, its reliability, build logical conclusions based on incoming information and data.	Law science Computer science Philosophy	Instrumental diagnostic methods Organization of veterinary affairs Forensic veterinary examination and dissection of animals Maths Veterinary deontology Medicinal and poisonous plants The basics of intellectual work Personality psychology and professional self-determination Clinical laboratory diagnostics Laboratory diagnostics of infectious and invasive diseases Organization of state veterinary supervision Veterinary and industrial laboratories with design basics Biometrics in veterinary medicine Basics of social and legal knowledge Space technologies at the service of the agro-industrial complex
GPC-3	Ability to carry out and improve professional activities in accordance with regulatory legal acts in the field of the agro-industrial complex.	Law science	Breeding with the basics of private animal husbandry Veterinary pharmacology Toxicology Parasitology and



			invasive diseases Epizootology and infectious diseases Organization of veterinary affairs General and Veterinary Ecology Veterinary sanitation Processing technology for livestock products Veterinary deontology Economics and organization of agricultural production Laboratory diagnostics of infectious and invasive diseases Organization of state veterinary supervision Veterinary and industrial laboratories with design basics Career management Basics of social and legal knowledge
GPC-6	The ability to analyze, identify and assess the risk of the risk of occurrence and spread of disease.	Biology with the basics of ecology	Veterinary Microbiology and Mycology Virology and biotechnology Animal health and welfare Feeding animals with the basics of forage production Veterinary radiobiology Clinical diagnostics Pathological anatomy Instrumental diagnostic methods Toxicology Obstetrics, gynecology and andrology Internal diseases General surgery Private Veterinary Surgery Parasitology and invasive diseases Epizootology and infectious diseases Veterinary and sanitary examination

			<p>Organization of veterinary affairs  Forensic veterinary examination and dissection of animals  Introduction to the specialty  General and Veterinary Ecology  Veterinary sanitation  Processing technology for livestock products  Medicinal and poisonous plants  Fodder plants  Animal health and welfare  Clinical laboratory diagnostics  Laboratory diagnostics of infectious and invasive diseases  Organization of state veterinary supervision  Horse diseases  Diseases of Productive Animals  Diseases of small pets  Болезни мелких домашних животных  Diseases of bees and entomophages  Fish pathology and aquaculture  Diseases of exotic animals  Anesthesiology, resuscitation and intensive care  Veterinary ophthalmology  Animal Dentistry</p>
PC-9	Ability to carry out medical, including physiotherapy, procedures using special equipment in compliance with safety rules	Animal anatomy	<p>Veterinary Microbiology and Mycology  Virology and biotechnology  Physiology and ethology of animals  Pathological physiology  Veterinary radiobiology  General surgery  Private Veterinary</p>

			<p>Surgery  Horse diseases  Diseases of Productive Animals  Diseases of small pets  Болезни мелких домашних животных  Diseases of exotic animals  Anesthesiology, resuscitation and intensive care  Dermatology  Cardiology  Endocrinology  Nephrology  Reconstructive surgery  Veterinary ophthalmology  Animal Dentistry</p>
PC-16	<p>Ability to organize organizational, technical, zootechnical and veterinary measures aimed at the prevention of non-communicable diseases in accordance with the plan for the prevention of non-communicable animal diseases</p>	Veterinary genetics	<p>Physiology and ethology of animals  Breeding with the basics of private animal husbandry  Animal health and welfare  Feeding animals with the basics of forage production  Obstetrics, gynecology and andrology  Internal diseases  General surgery  Private Veterinary Surgery  Organization of veterinary affairs  Fundamentals of Economics and Management  Economics and organization of agricultural production  Medicinal and poisonous plants  Fodder plants  Zoopsychology  Здоровье и благополучие животных  Horse diseases</p>

			Diseases of Productive Animals Diseases of small pets Болезни мелких домашних животных Diseases of bees and entomophages Fish pathology and aquaculture Diseases of exotic animals Veterinary ophthalmology Animal Dentistry
PC-17	The ability to organize disinfection and disinsection of livestock buildings to ensure veterinary and sanitary welfare in accordance with the plan of veterinary and sanitary measures	Inorganic and analytical chemistry Organic chemistry Physical and Colloidal Chemistry	Veterinary Microbiology and Mycology Virology and biotechnology Veterinary pharmacology Veterinary sanitation Здоровье и благополучие животных
PC-19	The ability to perform postmortem diagnostic examination of animals in order to establish pathological processes, diseases, causes of death	Animal anatomy Cytology, Histology and Embryology	Pathological anatomy Toxicology Obstetrics, gynecology and andrology Internal diseases General surgery Private Veterinary Surgery Parasitology and invasive diseases Epizootology and infectious diseases Veterinary and sanitary examination Forensic veterinary examination and dissection of animals Clinical laboratory diagnostics Laboratory diagnostics of infectious and invasive diseases Horse diseases Diseases of Productive Animals Diseases of small pets Diseases of bees and entomophages

			Fish pathology and aquaculture Diseases of exotic animals Dermatology Cardiology Endocrinology Nephrology Veterinary ophthalmology Animal Dentistry
PC-22	The ability to organize measures to protect the organization from the introduction of infectious and invasive diseases in accordance with the plan of antiepidemiological measures	-	Veterinary Microbiology and Mycology Virology and biotechnology Animal health and welfare Veterinary pharmacology Private Veterinary Surgery Parasitology and invasive diseases Epizootology and infectious diseases Organization of veterinary affairs General and Veterinary Ecology Veterinary sanitation Processing technology for livestock products Здоровье и благополучие животных Laboratory diagnostics of infectious and invasive diseases Organization of state veterinary supervision Diseases of bees and entomophages Fish pathology and aquaculture

#### 4. COURSE WORKLOAD AND TRAINING ACTIVITIES

Course workload of the discipline "**Life safety**" is 3 credits.

*Table 4.1. Types of academic activities during the period of the HE program mastering for **full-time** study*

Types of academic activities		HOURS	Semesters			
			3	-	-	-
Contact academic hours		54	54	-	-	-
including						
Lectures		18	18	-	-	-
Lab work		36	36	-	-	-
Seminars (workshops/tutorials)		-	-	-	-	-
Self-study		42	42	-	-	-
Evaluation and assessment (exam/pass/fail grading)		12	12	-	-	-
Course workload		Academic hour	<b>108</b>	<b>108</b>	-	-
		Credit unit	<b>3</b>	<b>3</b>	-	-

Table 4.2. Types of academic activities during the period of the HE program mastering for *part-time* study

Types of academic activities		HOURS	Semesters			
			3	-	-	-
Contact academic hours		36	36	-	-	-
including						
Lectures		18	18	-	-	-
Lab work		18	18	-	-	-
Seminars (workshops/tutorials)		-	-	-	-	-
Self-study		62	62	-	-	-
Evaluation and assessment (exam/pass/fail grading)		10	10	-	-	-
Course workload		Academic hour	<b>108</b>	<b>108</b>	-	-
		Credit unit	<b>3</b>	<b>3</b>	-	-

## 5. CONTENT OF THE DISCIPLINE

Table 5.1 Content of the discipline (module) by type of academic work

Name of the discipline section	Content of the section (topics)	Types of academic activities
Section 1. Theoretical foundations of life safety	Topic 1.1. Basic concepts, terms and definitions.	Lectures, Lab work.
	Topic 1.2. Characteristic systems "man - environment".	Lectures, Lab work.
	Topic 1.3. Industrial, urban, household, natural environment.	Lectures, Lab work.
	Topic 1.4. Human interaction with the environment.	Lectures, Lab work.

	Topic 1.5. Law of preservation of life Kurazhkovsky Yu.N.	Lectures, Lab work.
	Topic 1.6. Basics of optimal interaction: comfort, minimization of negative impacts, sustainable development of systems.	Lectures, Lab work.
Section 2. Risk	Topic 2.1. Concept of risk.	Lectures, Lab work.
	Topic 2.2. Risk assessment.	Lectures, Lab work.
	Topic 2.3. General classification of risks.	Lectures, Lab work.
	Topic 2.4. Damage.	Lectures, Lab work.
	Topic 2.5. Risk concept.	Lectures, Lab work.
Section 3. Natural emergencies and protection of the population from their consequences	Topic 3.1. Natural emergencies.	Lectures, Lab work.
	Topic 3.2. Basic concepts and definitions, classification of emergency situations: geophysical and geological hazardous phenomena; meteorological and agrometeorological hazards; marine hydrological hazards; natural fires.	Lectures, Lab work.
	Topic 3.3. Characteristics of damaging factors of sources of natural emergencies.	Lectures, Lab work.
Section 4. Technogenic emergencies and protection of the population from their consequences	Topic 4.1. Technogenic emergencies.	Lectures, Lab work.
	Topic 4.2. Basic concepts and definitions, classification of emergency situations: fires, explosions, the threat of explosions; accidents with the release (threat of release) of emergency chemically hazardous substances (AHOV); accidents with release (threat of release) of radioactive substances (RS); accidents with the release (threat of release) of biologically hazardous substances (BOV).	Lectures, Lab work.
	Topic 4.3. Damaging factors of sources of man-made emergencies. Emergency development phases.	Lectures, Lab work.
Section 5. The world. Hazards in daily life and safe behavior	Topic 5.1. The world around and the person, the nature of their interaction. Man as an object and subject of security. Situations arising in the process of human life.	Lectures, Lab work.
	Topic 5.2. Features of the city as a habitat. Hazardous areas in the city.	Lectures, Lab work.
Section 6. Dangers in everyday life. Social	Topic 6.1. Protection against natural disasters.	Lectures, Lab work.

dangers	Topic 6.2. Protection against global influences.	Lectures, Lab work.
	Topic 6.1. Protection against terrorism.	Lectures, Lab work.
Section 7. Biological and social emergencies	Topic 7.1. Quarantine.	Lectures, Lab work.
	Topic 7.2. Observation.	Lectures, Lab work.
	Topic 7.3. Pandemics of the 20th - 21st centuries	Lectures, Lab work.
Section 8. Harmful addictions and their social consequences	Topic 8.1. Computer addiction.	Lectures, Lab work.
	Topic 8.2. The effect of alcohol on the human body.	Lectures, Lab work.
	Topic 8.3. Drug addiction and substance abuse.	Lectures, Lab work.
	Topic 8.4. Smoking and its impact on human health.	Lectures, Lab work.

## 6. CLASSROOM INFRASTRUCTURE AND TECHNOLOGY SUPPORT REQUIREMENTS

*Table 6.1. Material and technical support of the discipline*

<i>Classroom for Academic Activity Type</i>	<i>Equipping the classroom</i>	<b>Specialized educational/laboratory equipment, software and materials for the development of the discipline (if necessary)</b>
Lecture	An auditorium for conducting lecture-type classes, equipped with a set of specialized furniture; a board (screen) and technical means of multimedia presentations.	<ul style="list-style-type: none"> <li>- <i>Classrooms equipped with multimedia projectors.</i></li> <li>- <i>Computer classes at ATI, the RUDN University Information Library Center with access to the RUDN University electronic library system, the Internet.</i></li> <li>- <i>Simulator for first aid.</i></li> <li>- <i>Educational and laboratory simulator "Security and fire alarm".</i></li> <li>- <i>Mobile automated examination complex.</i></li> </ul>
Laboratory	An auditorium for laboratory work, individual consultations, routine monitoring and interim certification, equipped with a set of specialized furniture and equipment.	<ul style="list-style-type: none"> <li>- <i>Classrooms equipped with multimedia projectors.</i></li> <li>- <i>Computer classes at ATI, the RUDN University Information Library Center with access to the RUDN University electronic library system, the Internet.</i></li> </ul>



		<ul style="list-style-type: none"> <li>- Simulator for first aid.</li> <li>- Educational and laboratory simulator "Security and fire alarm".</li> <li>- Mobile automated examination complex.</li> </ul>
Self-studies	An auditorium for independent work of students (can be used for seminars and consultations), equipped with a set of specialized furniture and computers with access to an electronic information and educational environment.	

## 7. RECOMMENDED SOURCES FOR COURSE STUDIES

### *Main reading:*

1. Burlakov A.A. Fundamentals of life safety: textbook / A.A. Burlakov. - Electronic text data. - Moscow: GEOTAR-Media, 2020. : ill. - ISBN 978-5-9704-5430-5.
2. Levchuk I.P. Life safety: study guide / I.P. Levchuk, A.A. Burlakov. - 2nd ed., Rev. and add. ; Electronic text data. - Moscow: GEOTAR-Media, 2020. - ISBN 978-5-9704-5756-6.

### *Additional Reading:*

1. Belov, SV Safety of life: textbook. for universities / S. V. Belov, A. V. Ilnitskaya, A. F. Kozyakov, etc. ; under total. ed. S. V. Belova. - Ed. 3rd, rev. and add. - M. : Higher. shk., 2019.
2. Safety of life at work (labor protection): Textbook for universities. Belyakov GI, series: "Textbooks for universities. Special literature", 2016, Publisher: Publishing house LAN.
3. SanPiN 2.22.542-96 "Hygienic requirements for video display terminals, personal computers and work organization". - M. : Goskomsanepidemnadzor of Russia, 2019.
4. Atamanyuk V.G. Civil defense, - M. : Higher school, 2017.

### *Resources of the Internet information and telecommunication network:*

1. Electronic library system of RUDN and third-party Electronic library systems to which university students have access on the basis of concluded contracts:
  - Electronic library system of RUDN - ELS RUDN <http://lib.rudn.ru/MegaPro/Web>
  - ELS "University Library online" <http://www.biblioclub.ru>
  - ELS Yurayt <http://www.biblio-online.ru>
  - ELS "Student Consultant" [www.studentlibrary.ru](http://www.studentlibrary.ru)
  - ELS "Lan" <http://eZlanbook.com/>
  - ELS "Trinity Bridge" <http://www.trmost.com/>
2. Databases and search engines:
  - electronic fund of legal and regulatory and technical documentation <http://docs.cntd.ru/>

- search engine Yandex <https://www.yandex.ru/>
  - search engine Google <https://www.google.ru/>
  - abstract database SCOPUS <http://www.elsevierscience.ru/products/scopus/>
- Educational and methodological materials for independent work of students during the development of the discipline/ module\*:

1. A course of lectures on the discipline " **Life safety**".
2. Laboratory workshop on the discipline " **Life safety**".

\* - All educational and methodological materials for independent work of students are placed in accordance with the current procedure on the discipline page in the **Telecommunication educational and Information System!**

## 8. MID-TERM ASSESSMENT

Evaluation materials and a point-rating system\* for assessing the level of competence formation (part of competencies) based on the results of mastering the discipline "**Life safety**" are presented in the Appendix to this Work Program of the discipline.

\* - Assessment Materials and a Point Rating System are formed based on the requirements of the relevant local regulatory act of the RUDN.

### DEVELOPER:

Senior Lecturer of the Department of Technosphere  
safety

Position, Basic curriculum

Signature

Geramnova S.E.

Full name.

### HEAD OF THE DEPARTMENT:

Department of Veterinary Medicine

Name Basic Curriculum

Signature

Vatnikov Yu.A.

Full name.

### HEAD OF THE HIGHER EDUCATION PROGRAM:

Director of the Department of Veterinary Medicine

Position, Basic curriculum

Signature

Vatnikov Yu.A.

Full name