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**FEDERAL STATE AUTONOMOUS EDUCATIONAL INSTITUTION OF  
HIGHER EDUCATION PEOPLES' FRIENDSHIP UNIVERSITY OF  
RUSSIA NAMED AFTER PATRICE LUMUMBA RUDN UNIVERSITY  
AGRICULTURAL-TECHNOLOGICAL INSTITUTE**

## **COURSE SYLLABUS**

### **Basic Military Training. Life Safety**

(name of discipline/module)

**Recommended by MCSD for the area of training/specialty**

**for all specialties / areas of training for bachelors / specialists**

(code and name of the direction of training/specialty)

**The course instruction is implemented within the professional education program of  
higher education**

**all profiles and specializations of EP HE**

(name (profile/specialization))

## 1. COURSE GOALS

The goal of mastering the discipline "Basic Military Training. Life Safety" is to develop students' extreme thinking skills, that are required to perform effective actions in emergency situations in peacetime and wartime.

The main objectives of the course are:

- learning the basics of military affairs, including practical experience in handling small arms;
- mastering the skills of orientation on the terrain, first aid for wounds, injuries and toxic substances;
- mastering algorithms of behavior and influence on others in extreme situations;
- learning about ways to quickly make decisions in non-standard conditions;
- developing in students a sense of personal civil responsibility and obtaining knowledge, abilities, and skills of initial military training and the fundamentals of life safety necessary for identifying and quickly responding to potentially dangerous situations;
- performing military duty in accordance with the legislation of the Russian Federation.

## 2. LEARNING OUTCOMES

Mastering the discipline “Basic Military Training. Life Safety” is aimed at the formation of the following competencies (parts of competencies) in students:

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

| Competence code | Competence  | Competence indicators   |
|-----------------|---|---|
| UK-8            | 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 the threat and occurrence of emergencies and military conflicts. | UK-8.1 Knows the classification and sources of emergency situations of natural and man-made origin; causes, signs and consequences of dangers, methods of protection in emergency situations, military conflicts; principles of organizing labour safety at an enterprise, technical means of protecting people in emergency situations, methods of preserving the natural environment, factors for ensuring sustainable development of society;<br>UK-8.2 Able to maintain safe living conditions; ensure working conditions in the workplace; identify signs, causes and conditions of emergency situations; assess the likelihood of a potential hazard and take measures to prevent it;<br>UK-8.3 Knows methods of predicting the occurrence of dangerous or emergency situations; skills in using basic methods of protection in emergency situations<br>UK-8.4 Applies the provisions of general military regulations in the daily activities of the unit, controls formations, and uses standard small arms. |
|                 |   |   |

|  |  |  |
|--|--|--|
|  |  | Conducts combined arms combat as part of a unit. Performs assigned tasks in conditions of RCB contamination; Uses topographic maps. Provides first aid for wounds and injuries. He has a high sense of patriotism and considers the defence of the Motherland his duty and responsibility. |
|--|--|--|

### 3. COURSE IN HIGHER EDUCATION PROGRAMME STRUCTURE

The discipline “Basic Military Training. Life Safety” refers to: the part formed by the participants of the educational relations of the mandatory component; the basic part of block B1 of the defense system.

Within the framework of the educational program, students also master other disciplines and/or practices that contribute to achieving the planned results of mastering the discipline “Basic Military Training. Life Safety”.

*Table 3.1. The list of the components of the educational program that contribute to the achievement of the planned results of the development of the discipline*

| Code | Competence  | Previous disciplines/modules, practices* | Subsequent disciplines/modules, practices*  |
|------|---|--|---|
| UK-8 | 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 the threat and occurrence of emergencies and military conflicts. |  | Preparing for and passing the state exam; Obtaining primary skills in research work; Obtaining primary skills in research work in biomedical laboratories Internship in the profile of professional activity Pre-graduation practice. |

\*-filled out in accordance with the competency matrix and the EP HE

### 4. COURSE WORKLOAD AND LEARNING ACTIVITIES

The total laboriousness of the discipline "Basic Military training. Life safety" is 4 credits.

*Table 4.1. Types of academic activities during the period of the program mastering*

| Educational work                                    |       | TOTAL,     | Semester/s |           |
|---|-------|------------|------------|-----------|
|   |       | ac.h.      | 1          | 2         |
| Contact work, ac.ch.                                |       | <b>94</b>  | <b>47</b>  | <b>47</b> |
| Including:  |       |            |            |           |
| Lectures (LC)                                       |       | 34         | 17         | 17        |
| Laboratory work (LW)                                |       |            |            |           |
| Practical/seminar classes (SC)                      |       | 60         | 30         | 30        |
| Independent work of students, acad.                 |       | 42         | 21         | 21        |
| Control (exam/test with assessment), academic part. |       | 8          | 4          | 4         |
| Total Labor Intensity                               | ac.h. | <b>144</b> | <b>72</b>  | <b>72</b> |
| Disciplines   | C.U   | <b>4</b>   | <b>2</b>   | <b>2</b>  |

*Table 4.2. Types of educational work according to the period of mastering the educational program for full-time and part-time forms of study*

| Educational work   |       | TOTAL,     | Semester (s) |           |
|--|-------|------------|--------------|-----------|
|  |       | ac.h.      | 1            | 2         |
| <i>Contact work, ac.ch.</i>                                      |       | <b>14</b>  | <b>7</b>     | <b>7</b>  |
| Including:   |       |            |              |           |
| Lectures (LC)  |       |            |              |           |
| Laboratory work (LW)   |       |            |              |           |
| Practical/seminar classes (SC)                                   |       | 14         | 7            | 7         |
| <i>Independent work of students, ac.h.</i>                       |       | 122        | 61           | 61        |
| <i>Control (exam/test with assessment), academic part. ac.h.</i> |       | 8          | 4            | 4         |
| <b>Total labor intensity</b>                                     | Ac. h | <b>144</b> | <b>72</b>    | <b>72</b> |
| <b>discipline credit units</b>                                   | C.U   | <b>4</b>   | <b>2</b>     | <b>2</b>  |

*Table 4.3. Types of educational work according to the period of mastering EPHE for CORRESPONDENCE forms of study*

| Educational work   |       | Total,     | Sessions  |           |
|--|-------|------------|-----------|-----------|
|  |       | ac.h.      |           |           |
| <i>Contact work, ac.h.</i>                                       |       | <b>10</b>  | <b>5</b>  | <b>5</b>  |
|  |       |            |           |           |
| Lectures (LC)  |       |            |           |           |
| Laboratory work (LW)   |       |            |           |           |
| Practical/seminar classes (SC)                                   |       | 10         | 5         | 5         |
| <i>Independent Work of Students, ac.h.</i>                       |       | 126        | 63        | 63        |
| <i>Control (exam/test with assessment), academic part, ac.h.</i> |       | 8          | 4         | 4         |
| <b>Total labor intensity</b>                                     | ac.h. | <b>144</b> | <b>72</b> | <b>72</b> |
| <b>discipline credit units</b>                                   | C.U   | <b>4</b>   | <b>2</b>  | <b>2</b>  |

## 5. COURSE MODULES AND CONTENTS

*Table 5.1. The content of the discipline (module) by type of academic work*

| <b>Course Modules and Contents</b>     | <b>Modules and Topics (Units/Themes)</b>  | <b>Type of educational work*</b> |
|--|---|----------------------------------|
| Section 1.<br>Life safety.             | <p>Topic 1.1 Fundamentals of human life safety: essence and content</p> <p>Topic 1.2 Fire safety</p> <p>Topic 1.3 Anti-terrorism security</p> <p>Topic 1.4. Anti-corruption and prevention of corruption risks</p> <p>Topic 1.5. Healthy lifestyle</p> <p>Topic 1.6. Personal information security</p> <p>Topic 1.7. Human life safety in emergency situations</p> <p>Topic 1.8. Civil defence as a system of nationwide measures to protect the population from dangers</p> <p>Topic 1.9. Basics of labour protection</p>  | LC, SC                           |
| Section 2.<br>Basic Military Training. | <p>Topic 2.1. Radiation, chemical and biological protection</p> <p>Topic 2.2. Fundamentals of tactics of combined arms units</p> <p>Topic 2.3. Fire training</p> <p>Topic 2.4. Fundamentals of engineering support and communication organization</p> <p>Topic 2.5. Combat training</p> <p>Topic 2.6. General military regulations of the RF Armed Forces</p> <p>Topic 2.7. Legal basis of state defence</p> <p>Topic 2.8. Military-political preparation</p> <p>Topic 2.9. First aid with elements of tactical medicine</p> <p>Topic 2.10. Military topography. Unmanned aerial vehicles</p> | LC, SC                           |

\* - is filled only in the **full-time** form of training: LC - lectures; LR - laboratory work; SC - seminar classes

## 6. CLASSROOM EQUIPMENT AND TECHNOLOGY SUPPORT REQUIREMENTS

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

| Type of audience  | Equipment of the audience  | Specialized educational/laboratory equipment, software and materials for the development of the discipline (if necessary)   |
|---|--|---|
| Specialized audience for the interactive simulator of small arms and close combat weapons | Classroom equipped with the multimedia interactive simulator of small arms and close combat weapons. | <ul style="list-style-type: none"> <li>- server and switching equipment;</li> <li>- projection system;</li> <li>- software;</li> <li>- weapon simulators;</li> <li>- auxiliary equipment;</li> <li>- a set of wall stands on the theme of the office</li> </ul>   |
| Specialized audience for practical training for shooting                                  | Classroom for group and individual consultations   | <ul style="list-style-type: none"> <li>- AK-74 mass-dimensional mockup - 12;</li> <li>- AK 74 – 12 magazine layouts;</li> <li>- training cartridge AK-74 – 120;</li> <li>- model of F-1 grenade – 12;</li> <li>- machine for zeroing weapons – 1;</li> <li>- table for assembling/disassembling weapons – 12; - teacher's workstation – 1;</li> <li>- magnetic marker board – 1;</li> <li>- a set of wall stands on the theme of the office -6</li> </ul> |

|  |   |   |
|--|---|---|
| Specialized audience for military topography | Interactive class “Military topography”           | <ul style="list-style-type: none"> <li>- teacher's workstation;</li> <li>- student’s workstation (16 pcs.);</li> <li>- server and switching equipment - projection system;</li> <li>- interactive class software “Military topography”;</li> <li>- magnetic compass Andrianov -16;</li> <li>- measuring compass -16;</li> <li>- line Artillery circle AK-3 - 16;</li> <li>- curvimeter -16;</li> <li>- navigator GPSMAP 66SR - 1;</li> <li>- magnetic marker board – 1;</li> <li>- set of wall stands on the theme of the office - 6</li> </ul> |
| Specialized audience for tactical training   | Hardware and software complex “Tactical training” | <ul style="list-style-type: none"> <li>- instructor's workplace;</li> <li>- trainee's workplace;</li> <li>- software for the Tactical Training complex « Tactical training »;</li> <li>- projection system;</li> <li>- magnetic marker board -1;</li> <li>- a set of wall stands on the theme of the office -6</li> </ul>   |

|   |   |   |
|---|---|---|
| Specialized audience for training of UAV operators        | Software and hardware complex "Tactical simulator for training UAV operators" | <ul style="list-style-type: none"> <li>- instructor's workplace 1 pc.;</li> <li>- student workplace 12 pcs.;</li> <li>- projection system 1 set;</li> <li>- UAV piloting and simulation training module for performing special tasks (software + control equipment) 13 pcs.;</li> <li>- module of pre-flight preparation and creation of a flight mission 13 pcs.;</li> <li>- magnetic marker -1;</li> <li>- a set of wall stands on the theme of the office -6;</li> <li>- Geoscan Gemini software AgisoftMetashape (educational license for 1 workplace);</li> <li>- Geoscan Pioneer. Assembly kit (educational UAV of multi-rotor type with MVM up to 1 kg) – 10;</li> <li>- Geoscan Pioneer Mini educational UAV of multi-rotor type with a maximum take-off mass (MTW) up to 150 g) – 10;</li> </ul> |
| Specialized audience for fundamentals of military service | Classroom for group and individual consultations                              | <ul style="list-style-type: none"> <li>- night-vision device;</li> <li>- thermal imager;</li> <li>- binoculars 12x45 with a goniometric reticle;</li> <li>- binoculars 12x45 with a rangefinder reticle;</li> <li>- compass-25;</li> <li>- small infantry blade with cover-25;</li> <li>- body armor 6b23/6b45-6;</li> <li>- universal shelter 6Sh120 -6;</li> <li>- household dosimeter – 2;</li> </ul>  |

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|--|--|---|
|  |  | <ul style="list-style-type: none"> <li>- radiation reconnaissance device DP-5V -1;</li> <li>- military chemical reconnaissance device VPHR-1;</li> <li>- combined arms protective suit (OZK) -25;</li> <li>- cross-sectional layout of a simple shelter - 1;</li> <li>- cross-sectional layout of the shelter - 1;</li> <li>- officer's line - 25;</li> <li>- tactical first aid kit APPI 1-20;</li> <li>- dressing packages IPP-1 – 250;</li> <li>- folding traction tire ShTS-01-6;</li> <li>-sanitary stretchers EMERCOM-N-6;</li> <li>- a set of physical visual aids of dummies of engineering ammunition with a virtual complex;</li> <li>- portable radio stations -6;</li> <li>- hand trainer for learning to stop bleeding -2;</li> <li>- simulators of wounds and defeats (18 wounds) -10;</li> <li>- mannequin simulator for practicing first aid skills for injuries - 5;</li> <li>- robot simulator “Roman Trauma” - 5;</li> <li>- suture and bandage simulator -5;</li> </ul> |
|--|--|---|

|   |  |   |
|---|--|---|
|   |  | <ul style="list-style-type: none"> <li>- basic resuscitation simulator BASICBilly+ -2;</li> <li>- simulator-dummy of an adult victim “Victor-2.01 V” for practicing the skills of pulling out and transporting the wounded -2;</li> <li>- simulator-dummy for practicing immobilization skills (with voice accompaniment);</li> <li>- simulator-dummy of an adult victim for practicing immobilization and transportation skills 5;</li> <li>- training dummy “Peter” for practicing the skills of extinguishing a burning body and providing first aid to a fire victim (with a light and sound indicator);</li> <li>- teacher's workstation -1;</li> <li>- magnetic marker board -1;</li> <li>- set of wall stands on the theme of office 6;</li> </ul> |
| Specialized audience for the First aid with elements of tactical medicine | Classroom for group and individual consultations | <ul style="list-style-type: none"> <li>- Simulator-dummy of an adult victim (head, torso) with a controller for practicing cardiopulmonary resuscitation techniques;</li> <li>- Trainer-dummy torso for cardiopulmonary resuscitation;</li> <li>- Trainer-dummy torso for cardiopulmonary resuscitation;</li> <li>- Simulator-dummy of an adult victim for practicing techniques for removing a foreign body from the upper respiratory tract;</li> <li>- Simulator-dummy of an adult victim for practicing</li> </ul>  |

|   |  |   |
|---|--|---|
|   |  | <p>bleeding control with a pump;</p> <p>- Simulator-dummy for practicing relief of tension pneumothorax</p> <p>;</p> <p>- Consumables for simulators (spare face masks, spare airways, films with a valve for artificial ventilation, artificial blood);</p> <p>- Silicone damage simulation kit;</p> <p>- First personal aid kit;</p> <p>-tourniquet of Esmarch, Alpha; Individual dressing package</p> <p>- Syringe tube (training);</p> <p>- Immobilization devices for the upper, lower extremities, cervical spine (staircase splints, split tires, cervical collar, traction splint, immobilization belt).</p> <p>- Dressings (bandages, PPI-1, PPI-E, napkins, adhesive plaster, medical scarves);</p> <p>- Dragging stretchers;</p> |
| Audience for independent work of students | Classroom for independent work of students (can be used for laboratory classes and consultations), equipped with a set of specialized furniture (auditorium 330 ATI) | <p>Set of specialized furniture, Interactive complex:</p> <p>Optoma interactive whiteboard with projector TRIUMPH BOARD /X316 DPL (Fuii 3D), XGA (1024*768), 3200 ANSI Lm, 20, Software: Microsoft products (OS, office application suite, including MSOffice/ Office 365, Teams)</p>   |

\* - the audience for independent work of students is MANDATORY!

## RESOURCES RECOMMENDED FOR COURSE STUDY

### *Main reading (sources)*

1. Kosolapova Nina Vasilyevna. Life safety : textbook / N.V. Kosolapova, N.A. Prokopenko. - M. : KnoRus, 2017, 2021. - 247 p. - (Bachelor's degree).
2. Belyakov, G. I. Fire safety, safety in emergency situations and first aid : textbook for universities / G. I. Belyakov. — 5th ed., revised and add. Moscow : Yurait Publishing House, 2024. 529 p. (Higher education).
3. Kaftan, V. V. Counteraction to terrorism: a textbook for universities / V. V. Kaftan. — 2nd ed., ispr. and add. Moscow : Yurait Publishing House, 2024. 261 p. (Higher education).
4. Anti-corruption: textbook and practice for universities / I. V. Levakin, E. V. Okhotsky, I. E. Okhotsky, M. V. Shedy; under the general editorship of E. V. Okhotsky. — 5th ed., revised and add. Moscow : Yurait Publishing House, 2024. 469 p.
5. Bepalov, V. I. Supervision and control in the field of security. Radiation protection: a textbook for universities / V. I. Bepalov. — 6th ed., supplement. — Moscow : Yurait Publishing House, 2022 ; Tomsk : Publishing House of Tomsk Polytechnic University. - 722 p. — (Higher education). Yurayt Publishing House)
6. Vostroknutov, A. L. Fundamentals of topography : a textbook for universities / A. L. Vostroknutov, V. N. Suprun, G. V. Shevchenko ; under the general editorship of A. L. Vostroknutov. — 2nd ed., revised and add. — Moscow : Yurait Publishing House, 2024. — 219 p.
7. First aid (for law enforcement officers) : a textbook / O.A. Maltseva, PhD, et al. - Orel: ORYUI of the Ministry of Internal Affairs of Russia, 2017. - 80 p.
8. Pospeev, K. Y. Fire training of law enforcement officers : a textbook for universities / K. Y. Pospeev, N. V. Astafyev. — 2nd ed. — Moscow : Yurait Publishing House, 2024. — 206 p.
9. Military discipline and legal means of its strengthening: a textbook for universities / edited by Y.N. Tuganov. — 2nd ed., ispr. and add. Moscow : Yurait Publishing House, 2024. 186 p. (Higher education).
10. Legal support of national security : a textbook for universities / Yu. N. Tuganov [et al.] ; edited by Yu. N. Tuganov. — 2nd ed., revised and add. Moscow : Yurait Publishing House, 2024. 180 p. (Higher education).
11. Drill training: a textbook for universities / I. Y. Lepeshinsky, V. V. Glebov, D. V. Pogodaev, E. A. Shmakov. — 2nd ed. — Moscow : Yurayt Publishing House, 2024. — 119 p. — (Higher education).

### *Additional (optional) reading (sources)*

1. The military doctrine of the Russian Federation.
2. Collection of general military regulations of the Armed Forces of the Russian Federation.
3. Federal Law No. 53-FZ of March 28, 1998 "On Military Duty and Military Service" (with amendments and additions).
4. Shuldeshov, L. S. Fire training: a textbook / L.S. Shuldeshov, V.A. Rodionov, V.V. Uglyansky. Moscow: KNORUS, 2020— 216 p .
5. Andrienko, I.M. Drill training: textbook / I.M. Andrienko, A.A. Kotov, A.V. Moiseev, E.V.

Smirnov, I.V. Shpilnoy. – Moscow: KNORUS, 2017. 170 p.

6. Mikryukov, V. Y. General military training: textbook / V.Y. Mikryukov. – Moscow: KNORUS, 2017. – 365 p.

7. Commander's work card : training manual. / I. D. Pombrick – M.

8. Manual on the use of personal protective equipment, M.

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

- RUDN University Electronic Library System - EBS RUDN University

<http://lib.rudn.ru/MegaPro/Web> - EBS "University Library Online" ---

<http://www.biblioclub.ru> - ABS Urite <http://www.biblio-online.ru> - EBS "Student Consultant"  
[www.studentlibrary.ru](http://www.studentlibrary.ru) - EBS "Lan" <http://e.lanbook.com/> - EBS "Troitsky Bridge"

- The Ministry of Defense of the Russian Federation [Electronic resource]. Access mode:  
<http://www.mil.ru/>

- The official website of the Security Council of the Russian Federation [Electronic resource].  
Access mode: <http://www.scrf.gov.ru/>

- Consultant Plus reference systems [Electronic resource]. Access mode:  
<http://www.consultant.ru/>

***Databases and search engines:***

- electronic fund of legal and regulatory and technical documentation  
<http://docs.cntd.ru/>

- Yandex search engine <https://www.yandex.ru/>

- Google search engine <https://www.google.ru/>

- SCOPUS abstract database <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 "Basic military training. Life safety" is located in TUIS.

2. Methodological guidelines for practical exercises and independent work of the discipline "Basic military training. Life safety" are located in TUIS.

3. Presentations of the discipline are located in TUIS.

4. Glossary of the discipline is located in TUIS.

*\* - all teaching materials for independent work of students are placed in accordance with the current procedure on the discipline page in the TUIS!*

## **8. ASSESSMENT TOOLKIT AND GRADING SYSTEM\* FOR EVALUATION OF STUDENTS' COMPETENCES LEVEL UPON COURSE COMPLETION**

Evaluation materials and a grading system\* for assessing the level of formation of competencies (part of competencies) based on the results of mastering the discipline "Basic Military Training. Life Safety" are presented in the Appendix to this Course Syllabus of the discipline.

\* GS is formed based on the requirements of the relevant local regulatory act of RUDN University.

**DEVELOPERS:**

**Director of the Department  
of Technosphere Safety**

**A.S. Boytsov**

\_\_\_\_\_  
Position, ED

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Surname.

**HEAD OF THE EDUCATIONAL  
DEPARTMENT:**

**Department of Technosphere Safety**

**A.S. Boytsov**

\_\_\_\_\_  
Position, BUP

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Surname.

**HIGHER EDUCATION  
PROGRAM:**

\_\_\_\_\_  
Position, ED

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Signature

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Surname.