MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE RUSSIAN FEDERATION

Federal State Budgetary Educational Institution of Higher Education

«SAINT-PETERSBURG STATE UNIVERSITY OF ECONOMICS» (UNECON)

|  |  |
| --- | --- |
|  | APPROVED  Vice-rector for educational activities  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Veronika.G. Shubaeva  «\_\_\_\_» \_\_\_\_\_\_\_\_\_\_\_\_\_\_ 20\_\_\_\_. |

***Основы военной подготовки / Introduction to military training***

**Syllabus of the course**

|  |  |
| --- | --- |
| Specialty | *38.03.02 Management* |
| Specialization | *Business management and digital innovations* |
| Level of higher education | *Bachelor's degree* |
| Form of training | *full-time* |
| Year of enrolment | *2024* |

Author(s):

|  |
| --- |
| PhD, Lepesh Grigory Vasilievich |

|  |  |  |  |
| --- | --- | --- | --- |
| Total number of hours | 36 | **Form of final attestation:**   |  | | --- | | Test: semester 3 | |
| incl: |  |
| contact work | 28 |
| self-study | 8 |
| practical training | 0 |
| control hours | 0 |

**Hours distribution:**

|  |  |
| --- | --- |
| Semester: | 3 |
| Type of classes | Hours |
| Lecture hours |  |
| Practical training | 28 |
| Laboratory work |  |
| **Total contact hours** | **28** |
| Self-study | 8 |
| Control hours | 0 |
| **Total academic hours** | **36** |
| **Total credits** | **1** |

Saint Petersburg

2024

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# **1. OBJECTIVES OF MASTERING THE DISCIPLINE**

|  |  |
| --- | --- |
| **Target:** | Acquisition of knowledge, skills and abilities necessary for the development of students as citizens capable and ready to fulfill their military duty and the obligation to defend their homeland in accordance with the legislation of the Russian Federation. |

# **2. PLACE OF THE DISCIPLINE IN THE STRUCTURE OF THE EDUCATIONAL PROGRAM**

Discipline B1.O.DV Introduction to military training refers to the elective disciplines of Block 1.

# **3. PLANNED LEARNING OUTCOMES IN THE DISCIPLINE**

| **Code and name of graduate competence** | **Code and name of the competency achievement indicator** | **Planned learning outcomes for the discipline** |
| --- | --- | --- |
| UC-8 - Capable of creating and maintaining 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 threat or occurrence of emergency situations and military conflicts | UC-8.1 - Carries out operational actions to prevent emergency situations and/or their consequences, including in the event of a threat or occurrence of military conflicts | To know: the main provisions of the general military regulations of the RF Armed Forces; organization of internal order in a unit; the main provisions of the Small Arms Firing Course; the structure of small arms, ammunition and hand grenades; the purpose, tasks and organizational structure of combined arms units; the main factors determining the nature, organization and methods of conducting modern combined arms combat; general information about nuclear, chemical and biological weapons, the means of their use; rules of conduct and preventive measures in conditions of contamination with radioactive, toxic substances and bacterial agents; tactical properties of the terrain, their impact on the actions of units in a combat situation; the purpose, nomenclature and conventional symbols of topographic maps; the main methods and means of providing first aid for wounds and injuries; trends and features of the development of modern international relations, the place and role of Russia in a multipolar world, the main directions of the socio-economic, political and military-technical development of the country; the main provisions of the Military Doctrine of the Russian Federation; the legal status and procedure for military service.  To be able to: correctly apply and implement the provisions of the general military regulations of the RF Armed Forces; disassemble and assemble an assault rifle (AK-74) and pistol (PM), prepare hand grenades for combat use; equip a position for firing small arms; carry out radiation, chemical and biological protection measures; read topographic maps of various nomenclature; assess international military-political and domestic events and facts from the position of a patriot of his Fatherland; apply the provisions of regulatory legal acts.  To master: drill techniques on the spot and on the move; skills in managing platoon formations; skills in shooting from small arms; skills in preparing for conducting combined arms combat; skills in using individual NBC protection equipment; skills in orienting oneself on the ground using a map and without a map; skills in using individual medical protection equipment and improvised means for providing first aid in case of wounds and injuries; skills in working with regulatory documents. |

# **4. STRUCTURE AND CONTENT OF THE DISCIPLINE\***

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Number and name of topics and/or sections/topics** | **Contents of the discipline** | | **Academic hours** | | | | |
| **Contact work** | | | | **Self-study** |
| **Lectures** | | **Practices** | **Workshops** |
| Topic 1. 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. Chiefs and subordinates. Seniors and juniors. Order and command. Procedure for giving and executing orders. Military courtesy and military discipline of military personnel. | |  | | 2 |  | 2 |
| Topic 2. Internal order and daily routine. | Accommodation of military personnel. Time distribution and internal order. Daily company duty, its purpose, composition. Orderly, duty officer for the company. Distribution of daily duty. | |  | | 2 |  |  |
| Topic 3. General provisions of the Charter of garrison and guard service. | General Provisions of the Charter of Garrison and Guard Service. Duties of the guard and sentry. | |  | | 2 |  |  |
| Topic 4. Drill techniques and movement without weapons. | Formation and its elements. Formation types. Formation control signals. Commands and the order of their issuance. Duties of commanders and servicemen before formation and in formation. Drill calculation. Formation stance. Execution of commands: "Fall", "Align", "Attention", "At ease", "Fuel". Turns on the spot. Marching step. Marching step movement. Marching step movement as part of a unit. Turns on the move. Movement as part of a platoon. Unit control on the move. | |  | | 2 |  |  |
| Topic 5. Basics, techniques and rules of shooting from firearms. | Safety requirements for handling firearms. Safety requirements for conducting firearms training. Methods and rules for shooting from firearms. | |  | | 1 |  |  |
| Topic 6. Purpose, combat properties, material part and use of small arms, hand-held anti-tank grenade launchers and hand grenades. | Purpose, composition, combat properties and assembly/disassembly procedure of AK-74 and RPK-74. Purpose, composition, combat properties and assembly/disassembly procedure of PM pistol. Purpose, composition, combat properties of RPG-7. Purpose, combat properties and material part of hand grenades. Assembly/disassembly of PM pistol and its preparation for combat use. Assembly/disassembly of AK-74, RPK-74 and their preparation for combat use. Loading magazines and preparing hand grenades for combat use. | |  | | 2 |  |  |
| Topic 7. Performing training shooting exercises from small arms. | Safety requirements for organizing and conducting small arms shooting. Procedure for performing training shooting exercises. Safety measures during shooting and checking the acquisition of knowledge and safety measures when handling small arms. Completion of standard No. 1 of the small arms shooting course. | |  | | 1 |  |  |
| Topic 8. The Armed Forces of the Russian Federation, their composition and tasks. Tactical and technical characteristics (TTC) of the main types of weapons and equipment of the RF Armed Forces. | The Armed Forces of the Russian Federation, their composition and tasks. The purpose, structure of motorized rifle and tank units of the ground forces, their tasks in combat. The combat purpose of the units included in them. Tactical and technical characteristics of the main types of weapons and equipment of the RF Armed Forces. | |  | | 2 |  |  |
| Topic 9. Basics of combined arms combat. | The essence of modern combined arms combat, its characteristics and types. Methods of conducting modern combined arms combat and means of armed struggle. | |  | | 2 |  | 2 |
| Topic 10. Fundamentals of engineering support. | Objectives and main tasks of engineering support of units and subdivisions. Purpose, classification of engineering ammunition, engineering obstacles and their characteristics. Field fortifications: trench, trench, communication passage, shelters, refuges. | |  | | 2 |  | 2 |
| Topic 11. Organization of military units and subdivisions, weapons, combat equipment of a potential enemy. | Organization, armament, combat equipment of the mpb and TB units of the US Army. Organization, armament, combat equipment of the mpb and TB units of the German Army. | |  | | 2 |  |  |
| Topic 12. Nuclear, chemical, biological, incendiary weapons. | Nuclear weapons. Means of their use. Damaging factors of a nuclear explosion and their impact on the human body, weapons, equipment and fortifications. Chemical weapons. Toxic substances (TS), their purpose, classification and impact on the human body. Combat conditions, means of use, signs of the use of TS, their stability on the ground. Biological weapons. Main types and damaging effect. Means of use, external signs of use. Incendiary weapons. Damaging effects of incendiary weapons on personnel, weapons and military equipment, means and methods of protection against them. | |  | | 1 |  |  |
| Topic 13. Radiation, chemical and biological protection. | Purpose, tasks and measures of RCB protection. Measures of special processing: degassing, decontamination, disinfection, sanitary processing. Purposes and procedure for partial and full special processing. Technical means and devices of radiation, chemical and biological protection. Personal protective equipment and the procedure for their use. Fitting and technical testing of personal protective equipment. | |  | | 1 |  |  |
| Topic 14. Terrain as an element of the combat situation. Measurements and orientation on the terrain without a map, movement by azimuths. | Terrain as an element of combat situation. Methods of orientation on the terrain without a map. Methods of measuring distances. Movement by azimuths. | |  | | 1 |  |  |
| Topic 15. Topographic maps and their reading, preparation for work. Determining the coordinates of objects and target designation on the map. | Geometrical essence, classification and purpose of topographic maps. Determination of geographic and rectangular coordinates of objects on the map. Target designation on the map. | |  | | 1 |  | 2 |
| Topic 16. Medical support of troops (forces), first aid for wounds, injuries and special cases. | Medical support as a type of comprehensive support for troops. Duties and equipment of officials of the medical service of the tactical level in combat. General rules for self-help and mutual assistance. First aid for wounds and injuries. First aid for injuries caused by toxic substances, bacteriological agents. Contents of pre-hospital care. | |  | | 2 |  |  |
| Topic 17. Russia in the modern world. Main directions of socio-economic, political and military-technical development of the country. | New trends and features of development of modern international relations. Place and role of Russia in a multipolar world. Main directions of socio-economic, political and military-technical development of the Russian Federation. Objectives, tasks, directions and forms of military-political work in the unit, requirements of governing documents. | |  | | 1 |  |  |
| Topic 18. Military doctrine of the Russian Federation. Legislation of the Russian Federation on military service. | Main provisions of the Military Doctrine of the Russian Federation. Legal basis of military duty and military service. Concept of military service, its types and their characteristics. Responsibilities of citizens for military registration. | |  | | 1 |  |  |
| **Control:** | | | | | | | **0** |
| **Total for the discipline:** | | **0** | | **28** | | **0** | **8** |

# **5. EDUCATIONAL, METHODOLOGICAL AND INFORMATIONAL SUPPORT OF THE DISCIPLINE**

## **5.1 Recommended literature**

|  |  |
| --- | --- |
| **Bibliographic description of the publication (author, title, type, place and year of publication, number of pages)** | **Electronic resources** |
| Charter of the garrison and guard services of the Armed Forces of the Russian Federation. — 4th ed., reprinted. — St. Petersburg: Lan, 2023. — ISBN 978-5-507-46403-6. — Text: electronic // Lan: electronic library system. | [URL: https://e.lanbook.com/boo ... . users.](URL:%20https://e.lanbook.com/book/308759%20(дата%20обращения:%2027.08.2023).%20—%20Режим%20доступа:%20для%20авториз.%20пользователей.%20) |
| Disciplinary Regulations of the Armed Forces of the Russian Federation. — 5th ed., reprinted. — St. Petersburg: Lan, 2023. — ISBN 978-5-507-46536-1. — Text: electronic // Lan: electronic library system. | [URL: https://e.lanbook.com/boo ... . users.](URL:%20https://e.lanbook.com/book/310292%20(дата%20обращения:%2027.06.2023).%20—%20Режим%20доступа:%20для%20авториз.%20пользователей.%20) |
| Charter of the Internal Service of the Armed Forces of the Russian Federation. — 3rd, reprinted. — St. Petersburg: Lan, 2023. — ISBN 978-5-507-46544-6. — Text: electronic // Lan: electronic library system. | [URL:https://e.lanbook.com/book ... . users.](URL:https://e.lanbook.com/book/310298%20(дата%20обращения:%2027.06.2023).%20—%20Режим%20доступа:%20для%20авториз.%20пользователей.%20) |
| Drill Regulations of the Armed Forces of the Russian Federation. — 4th ed., reprinted. — St. Petersburg: Lan, 2023. — ISBN 978-5-507-46542-2. — Text: electronic // Lan: electronic library system. | [URL: https://e.lanbook.com/boo ... ·. RESULTS.](URL:%20https://e.lanbook.com/book/310295%20(дата%20обращения:%2027.06.2023).%20—%20Режим%20доступа:%20для%20авториз.%20пользователей.) |
| Fundamentals of State Defense and Military Service: a teaching aid / compiled by S.K. Saryg [et al.]. - Kyzyl: TuvSU, 2020. - 84 p. - Text: electronic // Lan: electronic library system. | [URL: https://e.lanbook.com/boo ... ·. RESULTS.](URL:%20https://e.lanbook.com/book/175196%20(дата%20обращения:%2027.06.2023).%20—%20Режим%20доступа:%20для%20авториз.%20пользователей.) |
| Zrybnev, N. A. Physical training in the system of marksmanship training of a professional shooter / N. A. Zrybnev. - 3rd ed., Stereotype. - St. Petersburg: Lan, 2023. - ISBN 978-5-507-45894-3. - Text: electronic // Lan: electronic library system. | [URL: https://e.lanbook.com/boo ... ·. RESULTS.](URL:%20https://e.lanbook.com/book/291179%20(дата%20обращения:%2027.06.2023).%20—%20Режим%20доступа:%20для%20авториз.%20пользователей.) |
| Zrybnev, N. A. Physical training in the system of marksmanship training of a professional shooter / N. A. Zrybnev. - 3rd ed., Stereotype. - St. Petersburg: Lan, 2023. - ISBN 978-5-507-45894-3. - Text: electronic // Lan: electronic library system. | [URL: https://e.lanbook.com/boo ... . users.](URL:%20https://e.lanbook.com/book/291179%20(дата%20обращения:%2027.06.2023).%20—%20Режим%20доступа:%20для%20авториз.%20пользователей.%20) |
| Zrybnev, N. A. Basic school and methods of teaching accurate shooting from a machine gun: a tutorial / N. A. Zrybnev. - St. Petersburg: Lan, 2020. - ISBN 978-5-8114-4650-6. - Text: electronic // Lan: electronic library system. | [URL: https://e.lanbook.com/boo ... ·. RESULTS.](URL:%20https://e.lanbook.com/book/136169%20(дата%20обращения:%2027.06.2023).%20—%20Режим%20доступа:%20для%20авториз.%20пользователей.) |
| Kholodov, O. M. Safety measures when handling small arms: a tutorial / O. M. Kholodov, S. A. Gorbatenko, I. I. Shumansky. - Voronezh: VGAS, 2021. - 21 p. - Text: electronic // Lan: electronic library system. | [URL: https://e.lanbook.com/boo ... . users.](URL:%20https://e.lanbook.com/book/253766%20(дата%20обращения:%2027.06.2023).%20—%20Режим%20доступа:%20для%20авториз.%20пользователей.%20) |
| Fire training: a tutorial / A. V. Novikov, D. V. Marusov, S. V. Daniel, A. S. Pryadkin. - St. Petersburg: BSTU "Voenmekh" named after D. F. Ustinov, 2018. - 131 p. - Text: electronic // Lan: electronic library system. | [URL: https://e.lanbook.com/boo ... ·. RESULTS.](URL:%20https://e.lanbook.com/book/122079%20(дата%20обращения:06.2023).%20—%20Режим%20доступа:%20для%20авториз.%20пользователей.) |
| Bairamukov, Yu. B. Tactical training of cadets of military training centers: textbook / Yu. B. Bairamukov; edited by Yu. B. Torgovanov. - Krasnoyarsk: SFU, 2018. - ISBN 978-5-7638-3841-1. - Text: electronic // Lan: electronic library system. | [URL: https://e.lanbook.com/boo ... . users.](URL:%20https://e.lanbook.com/book/128744%20(дата%20обращения:%2006.2023).%20—%20Режим%20доступа:%20для%20авториз.%20пользователей.%20) |
| Shuldeshov, L. S. General tactics. Platoon, squad, tank: a textbook for universities / L. S. Shuldeshov, V. A. Sofronov, B. V. Fedorov. - 2nd ed., Stereotype. - St. Petersburg: Lan, 2022. - ISBN 978-5-8114-9162-9. - Text: electronic // Lan: electronic library system. | [URL: https://e.lanbook.com/boo ... ·. RESULTS.](URL:%20https://e.lanbook.com/book/187725%20(дата%20обращения:%2027.06.2023).%20—%20Режим%20доступа:%20для%20авториз.%20пользователей.) |
| Bairamukov, Yu. B. Military-political training: textbook / Yu. B. Bairamukov, V. S. Yanovich, P. E. Arefyev. - Krasnoyarsk: SFU, 2020. - ISBN 978-5-7638-4277-7. - Text: electronic // Lan: electronic library system. | [URL: https://e.lanbook.com/boo ... ·. RESULTS.](URL:%20https://e.lanbook.com/book/181602%20(дата%20обращения:%2027.06.2023).%20—%20Режим%20доступа:%20для%20авториз.%20пользователей.) |
| Bayramukov, Yu. B. General tactics: textbook / Yu. B. Bayramukov; edited by Yu. B. Torgovanov. - 2nd ed., corrected. and additional. - Krasnoyarsk: SFU, 2017. - ISBN 978-5-7638-3687-5. - Text: electronic // Lan: electronic library system. | [URL: https://e.lanbook.com/boo ... ·. RESULTS.](URL:%20https://e.lanbook.com/book/128738%20(дата%20обращения:%2027.06.2023).%20—%20Режим%20доступа:%20для%20авториз.%20пользователей.) |
| Oleynikov, E. P. Military engineering training: a tutorial / E. P. Oleynikov, A. S. Timokhovich. - Krasnoyarsk: Siberian State University named after academician M. F. Reshetnev, 2021. - 172 p. - Text: electronic // Lan: electronic library system. | [URL: https://e.lanbook.com/boo ... . users.](URL:%20https://e.lanbook.com/book/195175%20(дата%20обращения:%2027.06.2023).%20—%20Режим%20доступа:%20для%20авториз.%20пользователей.%20) |
| Tactical training of reserve officers: textbook / V. S. Yanovich, Yu. B. Bairamukov, P. E. Arefyev [et al.]. - Krasnoyarsk: SFU, 2019. - ISBN 978-5-7638-4143-5. - Text: electronic // Lan: electronic library system. | [URL: https://e.lanbook.com/boo ... . users.](URL:%20https://e.lanbook.com/book/157530%20(дата%20обращения:%2027.06.2023).%20—%20Режим%20доступа:%20для%20авториз.%20пользователей.%20) |
| Bairamukov, Yu. B. Radiation, chemical and biological protection: textbook / Yu. B. Bairamukov, M. F. Anakin, V. S. Yanovich; edited by Yu. B. Torgovanov. - Krasnoyarsk: SFU, 2015. - ISBN 978-5-7638-3321-8. - Text: electronic // Lan: electronic library system. | [URL: https://e.lanbook.com/boo ... . users.](URL:%20https://e.lanbook.com/book/128746%20(дата%20обращения:%2027.06.2023).%20—%20Режим%20доступа:%20для%20авториз.%20пользователей.%20) |
| Bairamukov, Yu. B. Tactical training of cadets of military training centers: textbook / Yu. B. Bairamukov; edited by Yu. B. Torgovanov. - Krasnoyarsk: SFU, 2018. - ISBN 978-5-7638-3841-1. - Text: electronic // Lan: electronic library system. | [URL: https://e.lanbook.com/boo ... ·. RESULTS.](URL:%20https://e.lanbook.com/book/128744%20(дата%20обращения:%2027.06.2023).%20—%20Режим%20доступа:%20для%20авториз.%20пользователей.) |
| Araev, S. I. Military orientation on the terrain: a tutorial / S. I. Araev, R. N. Nurulin. - Moscow: MAI, 2021. - ISBN 978-5-4316-0853-7. - Text: electronic // Lan: electronic library system. | [URL: https://e.lanbook.com/boo ... ·. RESULTS.](URL:%20https://e.lanbook.com/book/207407%20(дата%20обращения:%2027.06.2023).%20—%20Режим%20доступа:%20для%20авториз.%20пользователей.) |
| Medical support: a teaching aid / D. A. Gruzdev, V. M. Kozyrev, A. V. Novak, E. N. Sidorenko. - St. Petersburg: SPbSUT named after M.A. Bonch-Bruevich, 2021. - 32 p. - Text: electronic // Lan: electronic library system. | [URL: https://e.lanbook.com/boo ... ·. RESULTS.](URL:%20https://e.lanbook.com/book/279629%20(дата%20обращения:%2027.06.2023).%20—%20Режим%20доступа:%20для%20авториз.%20пользователей.) |
| Smolenskaya, S. V. National security of Russia: a textbook / S. V. Smolenskaya. - Ulyanovsk: UlSTU, 2021. - ISBN 978-5-9795-2123-7. - Text: electronic // Lan: electronic library system. | [URL: https://e.lanbook.com/bo ... ·. RESULTS.](%20URL:%20https://e.lanbook.com/book/259736%20(дата%20обращения:%2027.06.2023).%20—%20Режим%20доступа:%20для%20авториз.%20пользователей.) |

## **5.2 List of licensed and freely distributed software, including domestically produced**

|  |
| --- |
| - 7-Zip |
| - LibreOffice |
| - OS Alt education 10 |

## **5.3 List of information reference systems (IRS) and modern professional databases (MPDB)**

|  |  |
| --- | --- |
| **No.** | **Name of SPBD/ISS** |
| 1. | Electronic library Grebennikon.ru –[www.grebennikon.ru](http://www.grebennikon.ru) |
| 2. | Scientific electronic library eLIBRARRY – www.elibrary.ru |
| 3. | Scientific electronic library CyberLeninka – www.cyberleninka.ru |
| 4. | Database POLPRED Directories –[www.polpred.com](http://www.polpred.com) |
| 5. | OECD Books, Papers & Statistics database on the OECD iLibrary platform  [www.oecd-ilibrary.org](http://www.oecd-ilibrary.org) |
| 6. | Legal reference system ConsultantPlus (installed resource  SPbSUE or www.consultant.ru) |
| 7. | Reference legal system "GARANT" (installed resource of SPbGEU or www.garant.ru) |
| 8. | Information and reference system "Code" (installed resource  SPbSUE or www.kodeks.ru) |
| 9. | Electronic library system BOOK.ru - www.book.ru |
| 10. | Electronic library system EBS URAYT – www.urait.ru |
| 11. | Electronic library system ZNANIUM (ZNANIUM) –[www.znanium.com](http://www.znanium.com) |
| 12. | Electronic library of SPbGEU – opac.unecon.ru |

# **6. LOGISTIC AND TECHNICAL SUPPORT OF DISCIPLINE**

To implement this discipline, there are special rooms for conducting lecture-type classes, seminar-type classes, course design (completion of coursework), group and individual consultations, ongoing monitoring and midterm assessment, as well as rooms for independent work.

The premises are equipped with equipment and technical teaching aids.

The rooms for independent work of students are equipped with computer equipment with the ability to connect to the Internet and provide access to the electronic information and educational environment of the university.

|  |  |
| --- | --- |
| **Name of classrooms, list** | **Address (location) of classrooms** |
| Audience 509A Classroom (for lectures and seminars, course design (coursework), group and individual consultations, ongoing monitoring and midterm assessment) equipped with a multimedia complex. Specialized furniture and equipment: Classroom furniture for 48 seats, teacher's workstation, chalkboard - 1 pc., table - 1 pc., pedestal - 1 pc., rostrum - 1 pc. Computer I5-7400/8Gb/1Tb/ DELL S2218H - 19 pcs. Sets of demonstration equipment and teaching aids: multimedia applications for lecture courses and practical classes, interactive teaching aids. | 190005, St. Petersburg, 7th Krasnoarmeyskaya st., 6-8, office. 21N, 26N, 15N-19N, L-3, L-4, L-5, lit. A |
| Room 311 Classroom (for lectures and seminars, course design (coursework), group and individual consultations, ongoing monitoring and midterm assessment) equipped with a multimedia complex. Specialized furniture and equipment: Classroom furniture for 145 seats, teacher's workstation, chalkboard - 1 pc., desk - 3 pcs., pedestal - 1 pc., rostrum - 1 pc., 3 judges' chairs. Computer Intel Core i5-3570 Sigabyte GA-H77M - 1 pc., Projector NEC NP-P501X - 1 pc., Mixer Yamaha MG-102 C - 1 pc., Screen with electric drive - 1 pc., Amplifier JPA-1120A - 1 pc. Sets of demonstration equipment and teaching aids: multimedia applications for lecture courses and practical classes, interactive teaching aids. | 190005, St. Petersburg, 7th Krasnoarmeyskaya st., 6-8, office. 21N, 26N, 15N-19N, L-3, L-4, L-5, lit. A |
| Room 208 Classroom (for lectures and seminars, course design (coursework), group and individual consultations, ongoing monitoring and midterm assessment) equipped with a multimedia complex. Specialized furniture and equipment: Classroom furniture for 40 seats; teacher's workstation, chalkboard - 1 pc., table - 1 pc., pedestal - 1 pc., rostrum - 1 pc. Computer with Intel i3 2100 3.3/4Gb/500Gb/AserV193 - 1 pc., Multimedia projector NEC ME402X - 1 pc. Sets of demonstration equipment and teaching aids: multimedia applications for lecture courses and practical classes, interactive teaching aids. | 190005, St. Petersburg, 7th Krasnoarmeyskaya st., 6-8, office. 21N, 26N, 15N-19N, L-3, L-4, L-5, lit. A |

# **7. METHODOLOGICAL INSTRUCTIONS FOR STUDENTS TO MASTER THE DISCIPLINE**

When starting to study the discipline, the student must familiarize themselves with the following documents:

* educational and methodological documentation;
* local regulations governing the main issues of organizing and implementing educational activities, including those regulating the procedure for conducting ongoing monitoring of academic performance and midterm assessment of students;
* schedule of consultations for faculty members.

The level and depth of mastering the discipline are determined by the active and systematic work of students in lectures, seminar-type classes, and independent work, including in terms of identifying the most significant and relevant problems for further study. A special condition for high-quality mastering of the discipline is the effective organization of work, which allows for the even distribution of the academic load in accordance with the schedule of the educational process.

In preparation for classes, students are given the opportunity to attend consultations with the faculty of SPbGEU according to the schedule established in the consultation schedule.

The students’ in-class and out-of-class work should be aimed at developing:

* fundamental foundations of students' worldview and natural science knowledge;
* basic knowledge corresponding to the direction of training and the declared professional field, forming a target and professional basis for training personnel;
* professional competencies aimed at meeting the needs of the labor market;
* individual trajectory through the acquisition of a unique set of professional competencies that complement the student’s competency model, due to the focus on specific professional specialized areas of knowledge determined by representatives of the labor market;
* meta-skills of students, such as: teamwork and leadership, data analysis, digital skills, project development and implementation, intercultural interaction.

# **8. FEATURES OF MASTERING THE DISCIPLINE FOR DISABLED PEOPLE AND PERSONS WITH LIMITED HEALTH CAPABILITIES**

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

In order to master the curriculum of the discipline by disabled people and people with limited health capabilities, the University provides:

- for disabled people and people with limited health capabilities due to vision: posting reference information about the schedule of classes in places accessible to students who are blind or visually impaired, and in an adapted form; the presence of an assistant providing the student with the necessary assistance; issuing alternative formats of methodological materials (large font or audio files);

– for disabled people and people with limited hearing: reproduction of information using appropriate sound means;

- for disabled people and people with limited health capabilities who have musculoskeletal disorders: the possibility of unimpeded access of students to classrooms, toilets and other premises of the department, as well as staying in the said premises.

Students with disabilities and individuals with special educational needs are provided with printed and/or electronic educational resources in forms adapted to their health limitations. Education of students with special educational needs can be organized both together with other students and in separate groups or in separate organizations.

# **ASSESSMENT TOOLS FUND**

## **1.1 Test questions and assignments for the midterm assessment**

|  |  |
| --- | --- |
|  | The work program does not provide for this discipline. |

## **1.2 Topics of written works**

|  |  |
| --- | --- |
|  | The work program does not provide for this discipline. |

## **1.3 Checkpoints**

|  |  |  |  |
| --- | --- | --- | --- |
| **Checkpoint number** | **Checkpoint type** | **Method of implementation** | **Topic numbers** |
| 1 | Control testing | with the help of technical means and information systems | 1-4,6,8,9 |
| 2 | Control standards | with the help of technical means and information systems | 5.7 |
| 3 | Current control | with the help of technical means and information systems | 1-18 |

## **1.4 Other objects of assessment**

|  |  |
| --- | --- |
|  | The work program does not provide for this discipline. |

## **1.5 Independent work of the student**

|  |  |
| --- | --- |
| **Titles of independent work** | **Topic numbers** |
| Writing an essay | 8-10,17,18 |
| Doing homework | 1-18 |

## **1.6 Result assessment scale**

The assessment scales and procedures for assessing learning outcomes in a discipline are regulated by the Regulation on the current monitoring of academic performance and midterm assessment of students in higher education programs and the Regulation on the point-rating system.

To assess the development of learning outcomes in a discipline, a point-rating system of student performance is used:

The final assessment form for the discipline is a test; the final result is formed in accordance with the scale given in the table below:

|  |  |
| --- | --- |
| Points | Grade |
| <55 | Fail |
| >=55 | Credit |

**Result assessment scale**

|  |  |
| --- | --- |
| 2 (score up to 54) | Demonstrates a lack of understanding of the problem. Many of the requirements for the task are not met.  Primary perception of the material is demonstrated. The work is unfinished and/or it is plagiarism. |
| 3 (score 55-69) | Demonstrates partial understanding of the problem. Most of the requirements for the task are met.  Mastery of the elements of the given material. The completed material is generally understandable and holistic. |
| 4 (score 70-84) | Demonstrates significant understanding of the problem in the assigned discipline. All requirements for the assignment have been met.  The content of the completed tasks is disclosed and examined from different points of view. |
| 5 (score 85-100) | Demonstrates a complete understanding of the problem. All requirements for the task are met.  Demonstrated confident mastery of the discipline material. Completed tasks are holistic, completed in full, structured, present different points of view, demonstrated a creative approach. |