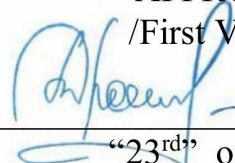


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Federal State Budgetary Educational Institution of Higher Education
«Pacific State Medical University»
of the Ministry of Health of the Russian Federation

APPROVED BY

/First Vice-Rector



/ Dvoynikova E.R./

“23rd” of June 2026

WORKING PROGRAM OF DISCIPLINE (MODULE)

B1.O.19 Life safety

Title of discipline	
Speciality	31.05.03 Dentistry for the preparation of international students (code, name)
Degree Level	Specialist degree
Specialization	02 Healthcare in the field of medical care for dental diseases
Mode of Study	full-time
Duration of the CEP	5 years (standard duration of study)
Department	Disaster Medicine and Life Safety

The working program of discipline (module) **B1.O.19 Life safety** is based on:

- 1) FSSES HE in the direction of training (specialty) 31.05.03 Dentistry, Order No. 984 of August 26, 2020, approved by Ministry of Science and Higher Education of the Russian Federation
- 2) Curriculum for the 31.05.03 Dentistry for foreign students (English-language program), profile 02 "Healthcare" (in the field of providing health care in patients with dental pathology), approved by the Academic Council of FSBEI HE PSMU of the Ministry of Health of Russia Report No. 1-7/25-26 dated March 27, 2026.

The working program of the discipline is developed by the author's team of the Department of Disaster Medicine and Life Safety of FSBEI HE PSMU of MOH of Russia, under the guidance of the head of the department, Professor, Dr.Sci (Medicine) Kotelnikov V.N.

Developers:

Head of department	Dr. Sci (Medicine),	Kotelnikov V.N.
(position)	professor	
	(academic degree, academic	(Full name)
	title)	

1. GENERAL PROVISIONS

1.1. Purpose and objectives of mastering the discipline (module) B1.O.19 Life safety

The purpose of mastering the discipline (module) is to :

develop a safety culture, as well as the readiness and ability of graduates to work in emergency situations during peacetime and wartime.

Tasks of mastering the discipline (module):

1. Acquisition of an understanding of problems and risks associated with human life activities.
2. Acquisition of theoretical knowledge about the nature and development of emergencies, disasters, accidents, and the structural components of the system for preventing and eliminating the consequences of emergencies, oriented toward a basic department (or core chair).
3. Acquisition of knowledge about the medical and sanitary support system for the population in emergencies and the ability to organize the provision of medical, pre-hospital, and first aid in emergencies during peacetime and wartime.
4. Development of readiness to participate in measures to protect the population and medical personnel during peacetime and wartime.
5. Development of skills in studying scientific literature and official statistical reviews.

2. THE PLACE OF THE DISCIPLINE (MODULE) IN THE STRUCTURE OF THE BASIC EDUCATIONAL PROGRAM

Discipline **B1.O.19 Life safety** belongs to the obligatory part of the basic educational program 31.05.03 Dentistry for the preparation of international students (network educational program, language of instruction is English, by People's Republic of China) and is studied in semester 4.

3. PLANNED LEARNING OUTCOMES OF THE DISCIPLINE (MODULE)

3.1. Mastering the discipline **B1.O.18 Life safety** is aimed to the formation of competencies in students. The discipline provides the formation of competencies of students, depending on the types of professional activity tasks.

Code of competence	Competency Statement	Indicators of achievement of competence
Universal competences		
Life safety	UC-8. Able to create and maintain safe living conditions in everyday and professional life to preserve the natural environment and ensure sustainable development of society, including the imminent or actual emergency cases and military conflicts	AI. UC-8 ₁ – assesses the life safety conditions to preserve the natural environment and ensure sustainable development of society AI. UC-8 ₂ – identifies harmful factors and hazardous conditions in the professional area, adheres to safety rules, implements measures to prevent emergencies dealing with professional tasks AI. UC-8 ₃ – recognizes the scope of professional activity during natural and man-made disasters as well as in military conflicts
General professional competences		
Ethical and legal provisions of professional	GPC-2. Able to analyze the results of professional	AI.GPC-2 ₁ recognizes the causes of erroneous actions and their types while

activity	activities to prevent professional errors	performing professional tasks AI.GPC-2 ₂ evaluates the results of professional activity to identify erroneous or untimely actions AI.GPC-2 ₃ identifies ways to prevent erroneous or untimely actions by correcting professional activities
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3.2. Types of professional activity on the basis of competences formed during realization of discipline **B1.O.19 Life safety**:

Type of professional activity tasks

1. *Medical*

Kind of professional activity tasks

1. *Diagnostic activity*

2. *Treatment activity*

3.3. Planned learning outcomes of the discipline (module) are expressed in knowledge, skills, skills and (or) experience of activity, characterize the stages of competence formation and ensure achievement of planned results of mastering the basic educational program. Learning outcomes of the discipline are correlated with the indicators of competencies achievement.

4. SCOPE AND CONTENT OF THE DISCIPLINE (MODULE)

4.1. The scope of the discipline (module) and types of academic work

Type of academic work		Total hours	Semesters
			1
			hours
1		2	4
Auditorium classes (total), including:		44	44
Lectures (L)		12	12
Practical classes (PC)		32	32
Individual work of the student (IW), including:		28	28
<i>Preparation for current control (PCC)</i>		16	16
<i>Preparation for interim assessment (PIA)</i>		12	12
Type of interim assessment	Credit (C)	C	C
TOTAL: Total labour intensity	Hours	72	72
	Credits	2	2

4.2. Content of the discipline

4.2.1. Topics of lectures and number of hours by semesters of study of discipline (module)

№	Lecture topics	Hours
1	2	3
Semester 4		

1.	Theoretical Foundations of Life Safety	2
2.	Natural Disasters and Population Protection: The Potential of Big Data Technologies	2
3.	Technological and Social Emergencies and Population Protection	2
4.	Civil Defense and Fire Safety in Educational Institutions	2
5.	Life Safety in the Workplace and Negative Environmental Factors	2
6.	Emergency First Aid for Casualties and AI-Based Predictive Methods	2
	Total semester hours	12

4.2.2. Topics of practical classes and number of hours by semesters of study of discipline (module)

№	Topics of practical classes	Hours
1	2	3
Semester 1		
1	Theoretical Foundations of Life Safety	4
2	Natural Disasters and Population Protection: The Potential of Big Data Technologies	8
3	Technological Emergencies and Population Protection	4
4	Social Emergencies and Population Protection	4
5	Civil Defense and Fire Safety in Educational Institutions	4
6	Life Safety in the Workplace and Negative Environmental Factors	4
7	Emergency First Aid for Casualties and AI-Based Predictive Methods	4
	Total semester hours	32

4.2.3. Individual work of the student

№	Name of the section of the academic discipline	Types of IW	Total hours
1	2	3	4
Semester 4			
1	Natural Disasters and Population Protection	Preparation for classes, written self-study report Preparation for current control Case study assignments	2 2 8
2	Emergency First Aid	Preparation for classes, written self-study report Preparation for current control Case study assignments	2 2 8
	Total semester hours		28

5. CONDITIONS OF REALIZATION OF THE DISCIPLINE (MODULE)

5.1. Educational-methodical and informational support of the discipline (module)

Main literature

n/	Name,	Author(s)/editor	Output data, e-	Number of
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№	type of resource		mail address	copies (accesses) In library
1	2	3	4	5
1	Life safety: Textbook / (e-book)	I. M. Chizh, S. N. Rusanov.	М. : МІА, 2019. - 120 р. - ЭБС «Медлиб»	Unlimited access
2	Life Safety in Medicine : textbook (e-book)	P. Levchuk, A. P. Nazarov, M. V. Kostyuchenko	М. : ГЭОТАР-Медиа, 2021. - 112 с. - ЭБС «Консультант студента»	Unlimited access

Additional literature

n/ №	Name, type of resource	Author(s)/editor	Output data, e-mail address	Number of copies (accesses) In library
1	2	3	4	5
1	Disaster Medicine (e-book)	I. P. Levchuk	М. : ГЭОТАР-Медиа, 2021. - 240 с. - ЭБС «Консультант студента»	Unlimited access
2	First aid in case of accidents and disasters (e-book)	I. P. Levchuk, M. V. Kostyuchenko.	М. : ГЭОТАР-Медиа, 2023. - 128 с. - ЭБС «Консультант студента»	Unlimited access

1. Internet resources
2. ELS "Student's Consultant" <http://studmedlib.ru/>
3. ELS "University Library Online" <http://www.biblioclub.ru/>
4. ELS "Urait" <https://urait.ru/>
5. ELS "BookUp" <https://www.books-up.ru/>
6. Own resources of FSBEI HE PSMU of MOH of Russia <https://tgmu.ru/university/bibliotechno-informacionnyj-centr/resursy-bic/sobstvennye/>

Internet resources and instructions for their use are placed on the page of the Library and Information Center [Library and Information Center - TSMU \(tgmu.ru\)](#).



5.2. Material and technical support of educational discipline (module)

Information about material and technical support of the discipline is placed on the page of the official website of the University [Material and technical support and equipment of the educational process. Pacific State Medical University of the Ministry of Health of the Russian Federation \(tgmu.ru\)](#)



5.3. List of information technologies used for the implementation of the educational process in the discipline (module), information and reference systems, licensed and freely distributed software, including domestic production:

1. PolycomTelepresence M100 Desktop Conferencing Application (VCS)
2. SunRav Software tTester
3. 7-PDF Split & Merge
4. ABBYYFineReader
5. Kaspersky Endpoint Security
6. INDIGO Online Testing System
7. Microsoft Windows 7
8. Microsoft Office Pro Plus 2013
9. 1C:University
10. Garant
11. MOODLE (modular object-oriented dynamic learning environment)

6. PECULIARITIES OF REALIZATION OF DISCIPLINE FOR STUDENTS WITH DISABILITIES AND DISABLED PEOPLE

6.1. Availability of appropriate conditions for the realization of the discipline

For students from among the disabled and persons with disabilities (PWD) on the basis of a written application the discipline is realized taking into account the peculiarities of psychophysical development, individual capabilities and health status (hereinafter - individual characteristics). Compliance with the following general requirements is ensured: the use of special technical means of training collective and individual use, the provision of services of an assistant (assistant), providing such a student with the necessary technical assistance, providing access to buildings and premises where classes are held, other conditions without which it is impossible or difficult to study the discipline.

6.2 Ensuring compliance with general requirements

In the implementation of the discipline on the basis of a written application of the student provides compliance with the following general requirements: the conduct of classes for students with disabilities and persons with disabilities in the same classroom together with students who do not have disabilities, if it does not create difficulties for students, the presence in the classroom assistant (assistants), providing(s) students with the necessary technical assistance, taking into account their individual characteristics, the use of technical means necessary for students, taking into account their individual characteristics, the use of technical means necessary for students with disabilities and persons with disabilities, taking into account their individual characteristics, the use of technical means necessary for students with disabilities and persons with disabilities.

6.3 Bringing to the attention of students with disabilities in an accessible form all local normative acts of FSBEI HE PSMU of MOH of Russia

All local normative acts of FSBEI HE PSMU of MOH of Russia on the implementation of the discipline (module) are brought to the attention of students with disabilities in an accessible form.

6.4 Realization of the increase in the duration of interim certification in relation to the established duration for a student with disabilities

The form of current and interim attestation on the discipline for students with disabilities and persons with disabilities is established taking into account individual psychophysical features

(orally, in writing on paper, in writing on the computer, in the form of testing, etc.). Duration of passing interim certification in relation to the established duration is increased at the written request of a student with disabilities. The duration of preparation of the student to the answer to the credit is increased by at least 0.5 hours.

7. STAFFING OF THE DISCIPLINE

The composition of scientific and pedagogical staff, providing the implementation of the educational process in the discipline, meets the requirements of the FSES HE in the specialty 31.05.03 Dentistry and is posted on the website of the educational organization.

