Документ подписан простой электронной подписью
Информация о владельце:
ФИО: Стегний Кирилл Владимирович
Должность: И.о. ректора
Дата подписания: 12.03.2026 09:03:25
Уникальный программный ключ:
d59234ba928aea5c04c54eb9013e367220b6b2ab

Federal State Budget Educational Institution
of Higher Education
Pacific State Medical University
of the Ministry of Health of the Russian Federation

APPROVED BY
First Vice-Rector
_____ / Trankovskaya L.V./
"9" мая 2025

DISCIPLINE WORK PROGRAM

Б1.О.42 Occupational diseases

(name of discipline)

Specialty	**31.05.01 General Medicine for international students (in English)** (code, name)
Degree	Specialist's degree
Profile	02 "Healthcare" (in the field of providing primary health care to the population in medical organizations: polyclinics, outpatient clinics, inpatient/outpatient facilities of the municipal health care system)
Mode of study	Full-time
Period of mastering the BEP	**6 years** (nominal length of study)
Institute	of Preventive Medicine

Vladivostok, 2025

Program of the discipline **Б1.О.42 Occupational diseases** is based on:
1) Federal State Educational Standard of Higher Education for the specialty approved by the Order No. 988 of Ministry of Science and Higher Education of the Russian Federation dated August 12, 2020.

2) Curriculum for the 31.05.01 General Medicine for international students (in English), profile 02 "Healthcare" (in the field of providing primary health care to the population in medical organizations: polyclinics, outpatient clinics, inpatient/outpatient facilities of the municipal health care system), approved by the Academic Council of FSBEI HE PSMU of the Ministry of Health of Russia, Report No. 8/24-25 dated March 31, 2025.

Work program for the discipline was developed by the writing team of the Institute of Preventive Medicine of the FSBEI HE PSMU of the Ministry of Health of Russia, under the guidance of the director of the Institute, Doctor of Medical Sciences, professor Trankovskaya L.V.

Developed by:

Assistant Professor	Candidate of Medical Sciences, Associate Professor	Gritsina O.P.
(position held)	(academic degree, academic title)	(full name)
Assistant Professor	Candidate of Medical Sciences	Yamilova O.Y.
(position held)	(academic degree, academic title)	(full name)

1. GENERAL PROVISIONS

1.1. Purpose and Objectives of Mastering Б1.О.42 Occupational diseases

The purpose of mastering the discipline is obtaining competencies in the field of early diagnosis at the level of providing primary health care to the population in outpatient settings (within the medical district, during periodic health examinations and preventive medical examinations, etc.) and the prevention of occupational diseases in individuals working in harmful and unfavorable working conditions.

Objectives of mastering the discipline:

1. Learn the etiology, pathogenesis, and clinical presentation of occupational diseases in workers;
2. Master the methods of diagnosing occupational diseases;
3. Develop skills in implementing pharmaceutical and non-pharmaceutical treatment for patients in need of treatment and medical rehabilitation;
4. Master the regulatory and legislative framework for primary and secondary prevention of occupational diseases;
5. Develop skills of communicating with patients and colleagues, taking into account ethics and deontology.

2. DISCIPLINE AS PART OF THE BASIC EDUCATIONAL PROGRAM

Discipline **Б1.О.42 Occupational diseases** is included in the Mandatory part of the Unit 1 of the basic educational program for the specialty 31.05.01 General Medicine for international students (in English), profile 02 "Healthcare" (in the field of providing primary health care to the population in medical organizations: polyclinics, outpatient clinics, inpatient/outpatient facilities of the municipal health care system), and is part of the 7th semester's curriculum.

3. PLANNED LEARNING OUTCOMES OF THE DISCIPLINE

3.1. Mastering the discipline **Б1.О.42 Occupational diseases** is aimed at the development of students' competencies. The discipline facilitates the development of students' competencies corresponding to the types of professional activity.

Name of competency category (group)	**Code and Name of competency of the graduate**	**Competency Indicators**
General professional competencies		
Etiology and pathogenesis	GPC-5. Is able to assess morphofunctional status, physiological states, and pathological processes in the human body when working to achieve objectives of professional activity	CI.GPC-5_1- assesses the morphofunctional state based on the acquired knowledge CI.GPC-5_2- distinguishes between pathological and physiological processes, identifies etiology of changes CI.GPC-5_3- provides diagnostic assessment of the identified changes

3.2. Types of professional activity corresponding to competencies developed over the course of mastering **Б1.О.18 Sanitary science and fundamentals of dietetics**:

Types of professional activity objectives

1. *Medical*

Kinds of professional activity objectives

1. *Diagnostics*
2. *Treatment*
3. *Disease prevention*

3.3. Planned learning outcomes of mastering the discipline are represented by knowledge, skills, abilities and/or experience, characterize the stages of developing competencies and ensure achievement of the planned outcomes of mastering the basic educational program. Learning outcomes of a discipline are correlated with competency indicators.

4. SCOPE AND CONTENT OF THE DISCIPLINE

4.1. Scope of the Discipline and Types of Academic Work

Type of Academic Work		Total Hours	Semesters
			7
			hours
1		2	3
Classroom hours (total), including:		**48**	**48**
Lectures (L)		12	12
Practical classes (C)		36	36
Independent work of the student (IW), including:		**24**	**24**
Electronic educational resource (EER)		6	6
Preparing for classes (CP)		6	6
Preparing for continuous assessment (CAP)		4	4
Preparing for interim assessment (IAP)		6	6
Interim assessment		2	2
Type of interim assessment	pass/fail test (T)	T	T
	exam (E)		
TOTAL: TOTAL credit value	hrs.	**72**	**72**
	credits	**2**	**2**

4.2. Contents of the Discipline

4.2.1. Topics of Discipline Lectures and Academic Hours per Semester

No.	Lecture Topic	Hours
1	2	3
	Semester No. 7	
1.	General issues of occupational pathology. Conditions of occurrence and causes of occupational diseases. Factors of the working environment and the work process.	2
2.	Physiology of the work process.	2
3.	Aspects of clinical examination and diagnosis of occupational diseases.	2
4.	Issues of medical ethics and deontology in occupational diseases.	2
5.	General principles of treatment and prevention of occupational diseases.	2
6.	The effect of chemical and physical factors in the working environment on the worker's body.	2
	Hours per semester total	**12**

4.2.2. Topics of Discipline Practical Classes and Academic Hours per Semester

No.	Practical Class Topic	Hours
1	2	3
	Semester No. 7	
1	Occupational respiratory diseases caused by exposure to industrial aerosols	6
2	Chronic occupational intoxications, principles of diagnosis, treatment, medical	6

	prevention, and rehabilitation	
3	Occupational diseases of the musculoskeletal system caused by microtraumatization and physical overexertion	6
4	Occupational diseases caused by vibroacoustic factors (vibration, noise, ultrasound, infrasound).	6
5	Occupational diseases caused by physical factors (non-ionizing, ionizing radiation).	6
6	Occupational diseases caused by biological factors. Occupational skin diseases.	6
	Hours per semester total	**36**

4.2.3. Independent Work of the Student

No.	Name of the Discipline Section	Type of IW	Total Hours
1	3	4	5
	Semester No. 7		
1	General issues of occupational pathology.	Preparing a report on the topic of the practical classes, preparing for the continuous assessment	4
2	Occupational respiratory diseases	Preparing a report on the topic of the practical classes, preparing for the continuous assessment	4
3	Occupational diseases caused by physical factors	Preparing a report on the topic of the practical classes, preparing for the continuous assessment	4
4	Occupational accidents	Preparing a report on the topic of the practical classes, preparing for the continuous assessment	4
5	Occupational diseases caused by biological factors	Preparing a report on the topic of the practical classes, preparing for the continuous assessment	4
6	Final knowledge control Semester summary	Preparing a report on the topic of the practical classes, preparing for the continuous assessment	4
	Hours per semester total		**24**

5. REQUIREMENTS FOR IMPLEMENTATION OF DISCIPLINE

5.1. Discipline Requirements for Educational Materials and Provided Information

Essential reading

No.	Name/Title, Resource Type	Author(s)/Editor	Publisher Imprint, Web Address	Number of Copies (accesses) in the Library and Information Center
1	2	3	4	5
1	**Occupational Pathology**: a national guide [Electronic resource]	ed. by I. V. Bukhtiyarov. -	2nd ed.,revised and updated. - Moscow : GEOTAR-Media, 2024. - 904 p. URL: http://www.studentlibrary.ru	Unlimited access
2	**Occupational**	/ ed. by S. A.	- 3rd ed., revised. - Moscow :	Unlimited

	Diseases: a textbook [Electronic resource]	Babanov, L. A. Strizhakov, V. V. Fomin.	GEOTAR-Media, 2021. - 592 p. URL: http://studentlibrary.ru	access
3	**Management Tactics for Patients Exposed to Harmful and Hazardous Occupational Factors**: a practical guide [Electronic resource.	] / ed. by I. V. Bukhtiyarov, L. A. Strizhakov	- Moscow : GEOTAR-Media, 2024. - 288 p. URL: http://studentlibrary.ru	Unlimited access

Supplementary reading

No.	**Name/Title, Resource Type**	**Author(s)/Editor**	**Publisher Imprint, Web Address**	**Number of Copies (accesses) in the Library and Information Center**
1	**2**	**3**	**4**	**5**
1	Occupational Diseases: Textbook [Electronic resource]	N. A. Mukhin et al.	2nd ed., revised and updated. — Moscow : GEOTAR-Media, 2021. — 512 p. URL: http://studentlibrary.ru	Unlimited access
2	Pavlovskaya, N. A. Early Diagnosis of Occupational Diseases: A Guide [Electronic resource]	N. A. Pavlovskaya.	Moscow : GEOTAR-Media, 2020. — 128 p. URL: http://www.studentlibrary.ru	Unlimited access

Online resources

1. Electronic library system "Student Consultant" http://studmedlib.ru/
2. Electronic library system "University Library Online"http://www.biblioclub.ru/
3. Electronic library system "Urait" https://urait.ru/
4. Electronic library system "BookUp" https://www.books-up.ru/
5. Resources owned by the Library and Information Center of FSBEI HE PSMU of the Ministry of Health of Russia https://tgmu.ru/university/bibliotechno-informacionnyj-centr/resursy-bic/sobstvennye/

Online resources and respective user guides are available on the Library and Information Center website Library and Information Center — PSMU (tgmu.ru)

5.2. Discipline Requirements for Facilities and Resources

Information on the facility and resource availability and requirements of the discipline is available on the Facility and resource availability and requirements. FSBEI HE PSMU of the Ministry of Health of Russia (tgmu.ru)" page of the official website of the university.



5.3. List of Information Technologies, Information and Reference Systems, Licensed and Free Software (Including Domestically-developed Software):

1. PolycomTelepresence M100 Desktop Conferencing Application (Videoconference system)
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 system
11. MOODLE (Modular Object-Oriented Dynamic Learning Environment)

6. ASPECTS OF THE IMPLEMENTATION OF THE DISCIPLINE FOR STUDENTS WITH DISABILITIES AND SPECIAL NEEDS

6.1. Availability of Accessible Environment

For students with disabilities and special needs, if a written application is submitted, lectures and practical classes are carried out taking into account health limitations, individual capabilities and medical status (hereinafter referred to as individual characteristics) of the student. Compliance with the following general requirements is ensured: teaching aids for collective and individual use are provided, required technical assistance is provided by an assistant; buildings and premises where lectures and practical classes are taking place meet accessibility requirements, other arrangements lack of which makes it impossible or difficult to master the discipline are made.

6.2. Ensuring Compliance with General Requirements

When lectures and practical classes are carried out at the written application of the student, the following general requirements are met: lectures and practical classes for students with disabilities and special needs take place at the same location as for students who do not have disabilities, if this does not cause difficulties for students; an assistant (assistants), who provide(s) students with the necessary technical assistance taking into account individual characteristics of the student, is (are) provided; necessary teaching aids are provided, taking into account individual characteristics of the student.

6.3. Availability of the Internal Policies and Procedures of FSBEI HE PSMU of the Ministry of Health of Russia to Students with Disabilities in a Format Accessible to Them.

All internal policies and procedures of FSBEI HE PSMU of the Ministry of Health of Russia concerning the discipline are made available to students with disabilities in a format accessible to them.

6.4. Increase in the Time Limit of Interim Assessment for Students with Disabilities and Special Needs in Relation to the Established duration

Format of the interim assessment of academic performance within the scope of the discipline conducted for students with disabilities and special needs is selected taking into account individual characteristics of the students (orally, by writing on paper, by typing on a computer, as a test, etc.). The duration of the interim assessment in relation to the established duration is increased at the

written application of the student with disabilities. Time limit for the student's preparation for the test is increased by at least 0.5 hours.

7. STAFFING REQUIREMENTS OF THE DISCIPLINE

Academic teaching personnel that ensure the implementation of the discipline education process meet the requirements of the Federal State Educational Standard of Higher Education for the 31.05.01 General Medicine specialty; list of the aforementioned personnel is available on the website of the educational organization.

8. TUTORIAL WORK

Type of tutorial work	Forms and approaches to tutorial work	Assessment criteria
Assistance in personal growth	Overt Conversations and discussions promoting a healthy lifestyle. Participation in conferences on healthy living.	Portfolio
	Covert – creating atmosphere and infrastructure. Creating a friendly, respectful atmosphere. Fostering a culture of health preservation.	
Civic position and values	Overt Events fostering civil-legal culture (round tables, discussions).	Portfolio
	Covert Emphasizing civic values and legal culture in professional practice.	
Social values	Overt Addressing issues of healthy lifestyle and health-saving technologies. Discussing environmental impact on public health.	Portfolio
	Covert Fostering social identity through education and profession.	