

Ministry of science and higher education of the Russian Federation Ulyanovsk state university	Form	
F-worker program of discipline		



**APPROVED**  
decision

of the Academic council of institute of medicine,  
ecology and physical education ULSU  
of May "16", 2024, protocol No. 9/260

Chairman

(Mashin V.V.)  
"16 " 05 2024

### WORKING PROGRAM

Discipline:	<b>Organization of provision of medicines of the population</b>
Faculty	medical
Department:	Public health and health care (PHHC)
Course	V

The direction (specialty) 31.05.01 «General medicine " (with development of a part of the program in English)

Orientation (profile/specialization) \_\_\_\_\_

Internal form of education

Date of Introduction of the program in educational process of UISU: September "1", 2024.

The program is updated at a faculty meeting: protocol No. \_\_ from \_\_\_\_ 20 \_\_.

The program is updated at a faculty meeting: protocol No. \_\_ from \_\_\_\_ 20 \_\_.

The program is updated at a faculty meeting: protocol No. \_\_ from \_\_\_\_ 20 \_\_.

The program is updated at a faculty meeting: protocol No. \_\_ from \_\_\_\_ 20 \_\_.

The program is updated at a faculty meeting: protocol No. \_\_ from \_\_\_\_ 20 \_\_.

Information about developers:

FULL NAME	Department	Position, academic degree, rank
V.I. Gorbunov.	PHHC	Department chair, MD, professor
G.V. Vozzhennikova.	PHHC	Associate professor, PhDs in Medicine., associate professor
I.N. Isaeva.	PHHC	Associate professor, PhDs in Medicine.

COORDINATED	COORDINATED
The head of the department of OZZ implementing discipline	The manager of the releasing department of hospital therapy
 /V.I. Gorbunov. /	 /M.A. Vize-Hripunova. /
May «16», 2024.	May «16», 2024.

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## 1. PURPOSES AND PROBLEMS OF DEVELOPMENT OF DISCIPLINE

**Purposes of development of discipline:** to study the system of the organization of provision of medicines of the population of the Russian Federation at the present stage

**Problems of development of discipline:**

- studying bases of the organization of provision of medicines of the population the Russian Federation
- studying the legal framework in the field of provision of medicines of the population
- studying features of provision of medicines of the population in the region

## 2. THE PLACE OF DISCIPLINE IN STRUCTURE OF GEP:

According to the Curriculum discipline "The organization of provision of medicines of the population" treats a part of disciplines of the specialty 31.05.01 " General medicine " of the higher medical education formed by participants of the educational relations and is discipline for choice. It is studied in a semester And.

Development of discipline "The organization of provision of medicines of the population" is based on knowledge, skills formed by the previous disciplines: "Immunology", Practice "Design activity", "Bases of a balanced diet", "Public health and health care", "Modern medical information systems", "Marketing in health care"

The subject matter "The organization of provision of medicines of the population" allows students to gain necessary knowledge, skills at development of the subsequent disciplines: "Practice on obtaining primary professional skills of the doctor of out-patient and polyclinic establishment", Practice "Medical assistant of out-patient and polyclinic establishment", "Quality management of medical care", "Epidemiology", "Preparation delivery and passing state exam".

## 3. The LIST of the PLANNED RESULTS of TRAINING IN DISCIPLINE CORRELATED TO the PLANNED RESULTS of DEVELOPMENT of the MAIN PROFESSIONAL EDUCATIONAL PROGRAM according to FGOS IN

Code and name of implemented competences	The list of the planned results of training in discipline correlated achievement indicators competences
UC-10 – is capable to make the justified economic decisions in various areas of activity	AI-1uc10 To know the basic principles of functioning of economy and economic development, the purpose and form of participation of the state in economy AI -2uc10 To be able to apply methods of economic and financial planning to achievement of the current and long-term financial goals in various areas of activity AI -3uc10 To own ability to make the justified economic decisions in various areas of activity

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<b>PC-6</b> – Ability use of the basic principles of the organization and management in the field of protection of public health, in the medical organizations and their structural units	Nobility: state policy on public health care; bases of the organization of medical care for the population; bases of management, planning, financing of the medical organizations and their structural units To be able: to apply the basic principles of the organization and management in the field of protection of public health, in the medical organizations and their structural units To own: calculation procedures and analysis of indicators of activity of the medical organizations
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#### 4. GENERAL VOLUME OF DISCIPLINE

##### 4.1. Discipline volume in test units (only) 2 credit units

##### 4.2. Discipline volume by types of study (in hours):

Type of study	Number of hours (form of education internal)	
	Only according to the plan	Including on semester 10 (A)
Contact work of students with the teacher according to unitary enterprise	54	54/54
Classroom classes:	54	54/54
Lectures (including PrP)	-	-
Seminars and practical training (including PrP)	54	54/54
Laboratory works, workshops (including PrP)	-	-
Independent work	18	18
Form of the current control of knowledge and control of independent work	Interview concerning a subject, the report	Interview concerning a subject, the report
Term paper	-	-
Types of intermediate certification (examination, offset)	offset	offset
In total hours on	72	72

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discipline		
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In case of need uses in educational process of partially/exclusively remote educational technologies in the table through a slash the number of hours of work of PPS with students for training in a remote format using electronic training is specified

#### 4.3. Content of discipline (module.) Distribution of hours on subjects and types of study:

Form of education internal

Name of sections and subjects	In total	Types of studies				Form of the current control of knowledge
		Classroom classes		Classes in to interactive form	Independent work	
		Lectures	Practical Classes, seminars			
1	2	3	4	5	6	
1. Bases of state regulation in the field of provision of medicines of the population	8	-	6	1	2	Interview concerning a subject, the report
2. Legislative bases of provision of medicines of the population	16	-	12	1	4	Interview concerning a subject, the report
3. System of provision of medicines of the population in the Russian Federation. Organization of work of pharmaceutical institutions	8	-	6	1	2	Interview concerning a subject, the report
4. Control system of quality of medicines the Russian Federation	8	-	6	1	2	Interview concerning a subject, the report
5. Organization of provision of medicines when receiving medical care in out-patient conditions	8	-	6	1	2	Interview concerning a subject, the report
6. Organization of provision of medicines when receiving medical care in conditions round-the-clock hospital	8	-	6	1	2	Interview concerning a subject, the report
7. Order of invoicing of prescriptions on medicines execution of prescription forms	8	-	6	0.5	2	Interview concerning a subject, the report
8. Pharmacoeconomic analysis	8	-	6	0.5	2	Interview concerning a

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						subject, the report
In total	72		54	6	18	

## 5. CONTENT OF DISCIPLINE (MODULE)

### **Subject 1. Bases of state regulation in the field of provision of medicines of the population**

#### Maintenance of a subject:

State nature of the medicinal help to the population of the Russian Federation. Main directions of state policy on the medicinal help to the population. State policy of price control on drugs. Programs of improvement of provision of medicines on the basis of the list of the main medicines (the program of the state guarantees of the Russian Federation, the priority National project in the field of health care "Health"). The principles, the purpose and problems of Strategy of provision of medicines of the population of the Russian Federation until 2025.

### **Subject 2. Legislative bases of provision of medicines of the population**

#### Maintenance of a subject:

The legislation ensuring safety and quality of medicines and regulating their implementation and use in the pharmaceutical market of Russia (FZ-61 "About drug circulation" of 12.04.2010).

The legislation regulating availability of medicines to certain groups of the population (FZ-178 "About the state social assistance" of 17.07.1999; FZ-323 "About bases of protection of public health in the Russian Federation" of 21.11.2011; Federal target program "Prevention and Fight against Socially Important Diseases"; FZ-157 "About immunoprevention of infectious diseases" 2015).

### **Subject 3. The system of provision of medicines of the population in the Russian Federation. Organization of work of pharmaceutical institutions**

#### Maintenance of a subject:

Governing bodies of pharmaceutical activity. Federal level. Management of the organization of pharmaceutical activity, providing with drugs and medical products MZ Russian Federation. Regional level. Committee of pharmacy of Administration of the region. Regional (city) level. Rational use of medicines. Irrational use of medicines. The factors leading to irrational use of medicines.

Types of institutions of a pharmaceutical system. Classification of pharmacies. Basic principles of the organization of work of pharmacies. Self-supporting pharmacy, its tasks, functions, organizational structure. An obligatory assortment minimum of medicines and products of medical purpose which presence is necessary in all pharmacies. Small retail pharmacy chain: pharmaceutical points, booths, etc. Pharmaceutical Paragraphs 1 and 2 of category. Tasks of pharmaceutical points. Organization of pharmaceutical booths, their main objective.

### **Subject 4. A control system of quality of medicines in the Russian Federation**

#### Maintenance of a subject:

State Register of Medicines. Preclinical tests of medicinal substances. Main objective of preclinical tests. Clinical trials the Order of preclinical tests, clinical approbation and implementation in practice of new medicines. Department of the State quality control, efficiency, safety of medicines MZ Russian Federation medical equipment. Scientific center of examination and state control of medicines of the Russian Ministry of Health. Pharmacological committee. Pharmacopoeian committee. Organization of quality control of medicines. Types of the state quality control of medicines.

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### **Subject 5. The organization of provision of medicines when receiving medical care out-patient conditions**

#### Maintenance of a subject :

Prescription of medicines at out-patient treatment. Coordination of prescription of medicines the patient, with the specialist doctor. Prescription of medicines according to the solution of DC. Organization of work of pharmacies for provision of medicines of out-patient and polyclinic patients. Providing the population with drugs at night through pharmacies on duty. Uniform information pharmaceutical system. System designation. Main functions. Organizational and technical means of a system. Program and information support of a system. Possibilities of a reference system. Principles of work of an information system. Prescription as medical, legal and financial document. Order of execution of prescriptions. General provisions

### **Subject 6. The organization of provision of medicines when receiving medical care in the conditions of the round-the-clock hospital**

#### Maintenance of a subject:

Prescription of medicines by the patient at hospital treatment. Coordination of prescription of medicines with the manager of department, with the clinical pharmacologist, specialist doctor. Programs of the state guarantees of providing citizens of the Russian Federation with free medical care. Current and planned control of validity of pharmacotherapy. Intersick-lists and self-supporting hospital pharmacies. An order of invoicing, accounting and storage of medicines in a hospital. Accounting of medicines MO having pharmacy. Accounting of medicines in MO which do not have pharmacies. Licensing of the activity connected with trafficking in narcotics and psychotropic substances. Admission work with drugs and psychotropic substances. Providing inpatients with dressing materials. Storage of dressing rooms of means. Providing hospitals with alcohol.

### **Subject 7. An order of invoicing of prescriptions on medicines and execution of prescription forms**

#### Maintenance of a subject:

Prescription as medical, legal and financial document. Characteristic of the prescription as document. Forms of prescription forms. Special pink form. Form No. 148-1/u-88. Form No. 107/at. Order of storage of prescription forms. Order of execution of prescriptions. General provisions. Features of an order of invoicing of prescriptions for acquisition of various groups of drugs. Periods of validity of prescriptions from the moment of their extract for various groups of drugs. Execution of prescriptions on alcohol. An order of execution of prescriptions for preferential dispense of drugs by the out-patient and polyclinic patient. Periods of storage of prescriptions in pharmaceutical institutions. List of the medicines which are subject quantitatively to accounting in the pharmaceutical (pharmaceutical) organizations, MO and private medical practitioners.

### **Subject 8. Pharmacoeconomic analysis**

#### Maintenance of a subject:

Pharmacoeconomic analysis. Definition. Purpose of pharmacoeconomic researches. Role of pharmacoeconomic researches. Methodology of the pharmacoeconomic analysis. Methods of the pharmacoeconomic analysis: "cost minimization", "expense consequence", "expensive efficiency", "usefulness of expenses", "advantages of expenses". Criteria for evaluation of clinical performance and safety of medicine.

## **6. SUBJECTS OF THE PRACTICAL TRAINING**

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**Subject 1: Bases of state regulation in the field of provision of medicines of the population**  
(Carrying out form – practical occupation)

Questions for discussion on occupation:

1. State nature of the medicinal help to the population of the Russian Federation.
2. Policy of the state in the field of the medicinal help to the population .
3. State policy of price control on drugs.
4. Principles, the purpose and problems of Strategy of provision of medicines of the population of the Russian Federation until 2025.

Questions for independent study

1. Organization and ensuring medicinal help in the Russian Federation
2. Modern aspects of the organization of provision of medicines of childrenteenagers
3. Programs of improvement of provision of medicines on the basis of the list of the main medicines
4. Problems and the prospects of development of the pharmaceutical industry in the Russian Federation

**Subject 2: Legislative bases of provision of medicines of the population**  
(Carrying out form – practical occupation)

Questions for discussion on occupation:

1. Federal law No. 326-FZ "About compulsory health insurance in the Russian Federation" of November 29, 2010.
2. Federal law No. 323-FZ "About bases of protection of public health in the Russian Federation" of November 21, 2011.
3. Federal law "About Drug Circulation" of FZ-61 of 12.04.2010
4. Order MZ Russian Federation of 13.02.2013 No. 66 "About the adoption of Strategy of provision of medicines of the population of the Russian Federation until 2025 and plan of its implementation"

Questions for independent study

1. Regulatory framework in the field of the organization of provision of medicines of the population at the present stage
2. Federal law of the Russian Federation of 04.05.2011 No. 99-FZ "About Licensing of Separate Types of Activity"
3. Federal law of the Russian Federation of 08.01.1988 No. 3-FZ "About Drugs and Psychotropic Substances"

**Subject 3: The system of provision of medicines of the population in the Russian Federation. Organization of work of pharmaceutical institutions**

(Carrying out form – practical occupation)

Questions for discussion on occupation:

1. Governing bodies of pharmaceutical activity. Federal level.
2. Regional level of management of pharmaceutical activity its main objectives.
3. Regional (city) level of management of pharmaceutical activity.
4. Rational use of medicines.
5. Irrational use of medicines.
6. The factors leading to irrational use of medicines.
7. Classification of pharmacies. Basic principles of the organization of work of pharmacies.
8. Self-supporting pharmacy, its tasks, functions, organizational structure
9. Pharmaceutical points, pharmaceutical booths.

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Questions for independent study

1. Information technologies in the field of provision of medicines of the population
2. Information pharmaceutical system of Committee of pharmacy of the Ulyanovsk region

**Subject 4: A control system of quality of medicines in the Russian Federation**

(Carrying out form – practical occupation)

Questions for discussion on occupation:

1. State Register of Medicines.
2. Preclinical tests of medicinal substances.
3. Clinical trials of medicines.
4. Order of preclinical tests, clinical approbation and implementation in practice of new medicines.
5. Organization of quality control of medicines.
6. Types of the state quality control of medicines.

Questions for independent study

1. A regulatory framework of a control system of quality of serially produced medicines
2. Role of Federal Accreditation Service in control of quality of medicines in the Russian Federation
3. Organization of quality control of medicines in Ulyanovsk and the Ulyanovsk region

**Subject 5: The organization of provision of medicines when receiving medical care-out-patient conditions**

(Carrying out form – practical occupation)

Questions for discussion on occupation:

1. Order of prescription of medicines at out-patient treatment.
2. Prescription of medicines according to the solution of VK.
3. Organization of work of pharmacies for provision of medicines of out-patient and polyclinic patients.
4. Uniform information pharmaceutical system. Principles of its work
5. Order of execution of prescriptions for preferential dispense of drugs by the out-patient and polyclinic patient.

Questions for independent study

1. Basic principles of the organization of work of pharmacies
2. Pharmacies on duty and their role in providing the population with drugs at night

**Subject 6: The organization of provision of medicines when receiving medical care-conditions round-the-clock hospital**

(Carrying out form – practical occupation)

Questions for discussion on occupation:

1. Prescription of medicines by the patient at hospital treatment.
2. Intersick-lists and self-supporting hospital pharmacies .
3. Order of invoicing, accounting and storage of medicines in a hospital.
4. Licensing of the activity connected with trafficking in narcotics and psychotropic substances.



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5. Providing inpatients with dressing materials.
6. Providing hospitals with alcohol.

#### Questions for independent study

1. Programs of the state guarantees of providing citizens of the Russian Federation with free medical care .
- 2 Order of appointment and storage of narcotic and strong medicines in MO

### **Subject 7: An order of invoicing of prescriptions on medicines and execution of prescription forms**

(Carrying out form – practical occupation)

#### Questions for discussion on occupation:

1. Prescription as medical, legal and financial document.
2. Forms of prescription forms.
3. Order of storage of prescription forms .
4. Order of execution of prescriptions. General provisions.
5. Features of an order of invoicing of prescriptions for acquisition of various groups of drugs.
6. Periods of validity of prescriptions from the moment of their extract for various groups of drugs
7. Periods of validity of preferential prescriptions
8. Periods of storage of prescriptions in pharmaceutical institutions

#### Questions for independent study

1. List of the medicines which are subject subject quantitatively to accounting in the pharmaceutical (pharmaceutical) organizations, MO and private medical practitioners.
2. A group of citizens and categories of diseases at which medicines are provided for out-patient treatment free of charge or at a discount

### **Subject 8: Pharmacoeconomic analysis**

(Carrying out form – practical occupation)

#### Questions for discussion on occupation:

1. Pharmacoeconomic analysis. Definition. Purpose of pharmacoeconomic researches.
2. Methodology of the pharmacoeconomic analysis .
3. Methods of the pharmacoeconomic analysis
4. Criteria for evaluation of clinical performance and safety of medicine.

#### Questions for independent study

1. Role of the pharmacoeconomic analysis in a modern health care system
2. Economic aspects of rendering medicinal help to the population

### **7. LABORATORY WORKS, WORKSHOPS**

This type of work is not provided GEP

### **8. SUBJECT OF REPORTS**

1. Organization and ensuring medicinal help in the Russian Federation
2. Modern aspects of the organization of a medicinal help of children and teenagers
3. Programs of improvement of provision of medicines on the basis of the list of the main

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medicines

4. Problems and the prospects of development of the pharmaceutical industry in the Russian Federation
5. Regulatory framework in the field of the organization of provision of medicines of the population at the present stage
6. Federal law of the Russian Federation of 04.05.2011 No. 99-FZ "About Licensing of Separate Types of Activity"
7. Federal law of the Russian Federation of 08.01.1988 No. 3-FZ "About Drugs and Psychotropic Substances"
8. Information technologies in the field of provision of medicines of the population
9. Information pharmaceutical system of Committee of pharmacy of the Ulyanovsk region
10. A regulatory framework of a control system of quality of serially produced medicines
11. Role of Federal Accreditation Service in control of quality of medicines in the Russian Federation
12. Organization of quality control of medicines in Ulyanovsk and the Ulyanovsk region
13. Basic principles of the organization of work of pharmacies
14. Pharmacies on duty and their role in providing the population with drugs at night
15. Programs of the state guarantees of providing citizens of the Russian Federation with free medical care.
16. Order of appointment and storage of narcotic and strong medicines in MO
17. List of the medicines which are subject quantitatively to accounting in the pharmaceutical (pharmaceutical) organizations, MO and private medical practitioners.
- 18A group of citizens and categories of diseases at which medicines are provided for out-patient treatment free of charge or at a discount
19. Role of the pharmacoeconomic analysis in a modern health care system
20. Economic aspects of rendering medicinal help to the population

## 9. LIST OF QUESTIONS TO OFFSET

1. State nature of the medicinal help to the population of the Russian Federation. The policy of the state in the field of the medicinal help to the population drugs price control.
2. Strategy of provision of medicines of the population of the Russian Federation until 2025. Principles, purpose and tasks. Order MZ Russian Federation of 13.02.2013 No. 66 "About the adoption of Strategy of provision of medicines of the population of the Russian Federation until 2025 and plan of its implementation"
3. Organization and ensuring medicinal help in the Russian Federation.  
Modern aspects of the organization of provision of medicines of children teenagers
4. Economic aspects of rendering medicinal help to the population. Programs improvements of provision of medicines on the basis of the list of the main medicinal means
5. Problems and the prospects of development of the pharmaceutical industry in the Russian Federation
6. Regulatory framework in the field of the organization of provision of medicines of the population at the present stage. Federal law of the Russian Federation of 04.05.2011 No. 99-FZ "About Licensing of Separate Types of Activity"
7. Federal law "About Drug Circulation" of FZ-61 of 12.04.2010
8. Federal law of the Russian Federation of 08.01.1988 No. 3-FZ "About Drugs and Psychotropic Substances"
9. Governing bodies of pharmaceutical activity. Federal, regional, regional (city) level of management of pharmaceutical activity.
10. Rational use of medicines. Irrational use of medicines. The factors leading to irrational use of

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medicines.

11. Classification of pharmacies. Basic principles of the organization of work of pharmacies. Self-supporting pharmacy, pharmaceutical points, pharmaceutical booths, tasks, functions, organizational structure
12. Information technologies in the field of provision of medicines of the population. Information pharmaceutical system of Committee of pharmacy of the Ulyanovsk region
13. State Register of Medicines. Preclinical and clinical trials of medicinal substances.
14. Clinical approbation and implementations in practice of new medicines. Criteria for evaluation of clinical performance and safety of medicine.
15. Organization of quality control of medicines. Types of the state quality control of medicines. A role of Federal Accreditation Service in control of quality of medicines in the Russian Federation
16. A regulatory framework of a control system of quality of serially produced medicines
17. Organization of quality control of medicines in Ulyanovsk and the Ulyanovsk region
18. Order of prescription of medicines at out-patient treatment. Prescription of medicines according to the solution of DC.
19. Organization of work of pharmacies for provision of medicines of out-patient and polyclinic patients. Uniform information pharmaceutical system. Principles of its work
20. Prescription as medical, legal and financial document. Order of execution of prescriptions. General provisions. Order of storage of prescription forms.
21. Order of execution of prescriptions for preferential dispense of drugs by the out-patient and polyclinic patient. Periods of validity of preferential prescriptions. Periods of storage of prescriptions in pharmaceutical institutions
22. Features of an order of invoicing of prescriptions for acquisition of various groups of drugs. Periods of validity of prescriptions from the moment of their extract for various groups of drugs
23. Basic principles of the organization of work of pharmacies. Pharmacies on duty and their role in providing population with drugs at night
24. Prescription of medicines by the patient at hospital treatment. Intersick-lists and self-supporting hospital pharmacies. An order of invoicing, accounting and storage of medicines in a hospital.
25. Licensing of the activity connected with trafficking in narcotics and psychotropic substances.
26. Providing inpatients with dressing materials. Providing hospitals with alcohol.
27. A group of citizens and categories of diseases at which medicines are provided for out-patient treatment free of charge or at a discount. Programs of the state guarantees of providing citizens of the Russian Federation with free medical care .
28. List of the medicines which are subject subject quantitatively to accounting in the pharmaceutical (pharmaceutical) organizations, MO and private medical practitioners.
29. Order of appointment and storage narcotic and strong medicines in MO
30. Pharmacoeconomic analysis. Definition. Purpose of pharmacoeconomic researches. Methodology and methods of the pharmacoeconomic analysis. A role of the pharmacoeconomic analysis a modern health care system

## 10. INDEPENDENT WORK OF STUDENTS

### Internal form of education

№	Name of sections/subjects	Types of independent work (study of a training material, solution of tasks, paper, report, examination, preparation for passing a test, examination, etc.)	Volume in hours	Control(verification of the solution of tasks, paper, etc.)

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1.	Bases of state regulation in the field of provision of medicines of the population	Work with references on the studied subject, preparation of the report	2	Report, offset
2	Legislative bases of provision of medicines of the population	Work with references on the studied subject, preparation of the report	4	Report, offset
3	The system of provision of medicines of the population in the Russian Federation. Organization of work of pharmaceutical institutions	Work with references on the studied subject, preparation of the report	2	Report, offset
4.	Control system of quality of medicines in the Russian Federation	Work with references on the studied subject, preparation of the report	2	Report, offset
5	The organization of provision of medicines when receiving medical care in out-patient conditions	Work with references on the studied subject, preparation of the report	2	Report, offset
6	The organization of provision of medicines when receiving medical care in conditions round-the-clock hospital	Work with references on the studied subject, preparation of the report	2	Report, offset
7	Order of invoicing of prescriptions on medicines execution of prescription forms	Work with references on the studied subject, preparation of the report	2	Report, offset
8	Pharmacoeconomic analysis	Work with references on the studied subject, preparation of the report	2	Report, offset

At the organization of independent work, technologies are used: information project (report)

## 11. EDUCATIONAL AND METHODOLOGICAL AND INFORMATION SUPPORT OF DISCIPLINE

### **Main:**

1. The manual on subject «Public health and health protection» for English-speaking students. Part I. «Public health» = Учебное пособие по дисциплине «Общественное здоровье и здравоохранение» для англоязычных студентов. Часть I. «Общественное здоровье» / А. Г. Сердюков, Ж. Б. Набережная, И. Б. Набережная, А. С. Нимгирова. - Астрахань : Астраханский ГМУ, 2019. - 185 с. - ISBN 9785442404371. - Текст : электронный // ЭБС "Букап" : [сайт]. - URL : <https://www.books-up.ru/ru/book/the-manual-on-subject-public-health-and-health-protection-for-english-speaking-students-part-i-public-health-10853384/>

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2 Alyautdin, R. N. Pharmacology. Illustrated textbook / ed. R. N. Alyautdin. - Moscow : GEOTAR-Media, 2020. - 312 p.- ISBN 978-5-9704-5665-1. - Text : electronic // EBS "Student Consultant" : [website].– URL: <https://www.studentlibrary.ru/ru/book/ISBN9785970456651.html>

3. Health Economics = Экономика здравоохранения : Учебное пособие для англоговорящих студентов : Textbook for English-speaking students / М. А. Шаповалова, А. С. Ярославцев, Н. И. Бабеева, А. Н. Перепечкин. - Астрахань : Астраханский ГМУ, 2021. - 114 с. - ISBN 9785442406399. - Текст : электронный // ЭБС "Букап" : [сайт]. - URL : <https://www.books-up.ru/ru/book/health-economics-14503204/>

**Additional literature:**


1.Общая рецептура по фармакологии = General formulation on pharmacology : учебно-методическое пособие для англоязычных студентов ФИС / К. А. Татжикова, Н. В. Тимофеева, Д. А. Горшков и др. - Астрахань : Астраханский ГМУ, 2019. - 41 с. - ISBN 9785442404890. - Текст : электронный // ЭБС "Букап" : [сайт]. - URL : <https://www.books-up.ru/ru/book/obcshaya-receptura-po-farmakologii-11237607/>

2. Еникеева, Д. А. Pharmacology. Part 1. Workbook / Еникеева Д. А. , Бондарчук Н. Г. , Аляутдин Р. Н. , Фисенко В. П. - Москва : ГЭОТАР-Медиа, 2021. - 264 с. - ISBN 978-5-9704-6202-7. - Текст : электронный // ЭБС "Консультант студента" : [сайт]. - URL : <https://www.studentlibrary.ru/book/ISBN9785970462027.html>

**Educational- methodical:**

1. Горбунов В. И. Methodical instructions for independent work of students on discipline «The organization of provision of medicines of the population» for specialty 31.05.01 «General medicine» / V. I. Gorbunov, G. V. Vozzhennikova, I. N. Isaeva. - Ulyanovsk : ULSU, 2022. - На англ. яз.; Неопубликованный ресурс. - URL: <http://lib.ulsu.ru/MegaPro/Download/MObject/11505> . - Режим доступа: ЭБС УЛГУ. - Текст : электронный.

**Agreed:**

Chief librarian of the scientific library of ULSU:  /Stadolnikova D.R./ 2024

**c) Professional databases, directory systems**

**1. Электронно-библиотечные системы:**

1.1. Цифровой образовательный ресурс IPRsmart : электронно-библиотечная система : сайт / ООО Компания «Ай Пи Ар Медиа». - Саратов, [2024]. – URL: <http://www.iprbookshop.ru>. – Режим доступа: для зарегистрир. пользователей. - Текст : электронный.

1.2. Образовательная платформа ЮРАЙТ : образовательный ресурс, электронная библиотека : сайт / ООО Электронное издательство «ЮРАЙТ». – Москва, [2024]. - URL: <https://urait.ru> . – Режим доступа: для зарегистрир. пользователей. - Текст : электронный.

1.3. База данных «Электронная библиотека технического ВУЗа (ЭБС «Консультант студента») : электронно-библиотечная система : сайт / ООО «Политехресурс». – Москва, [2024]. – URL: <https://www.studentlibrary.ru/cgi-bin/mb4x>. – Режим доступа: для

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зарегистрир. пользователей. – Текст : электронный.

1.4. Консультант врача. Электронная медицинская библиотека : база данных : сайт / ООО «Высшая школа организации и управления здравоохранением-Комплексный медицинский консалтинг». – Москва, [2024]. – URL: <https://www.rosmedlib.ru>. – Режим доступа: для зарегистрир. пользователей. – Текст : электронный.

1.5. Большая медицинская библиотека : электронно-библиотечная система : сайт / ООО «Букап». – Томск, [2024]. – URL: <https://www.books-up.ru/ru/library/> . – Режим доступа: для зарегистрир. пользователей. – Текст : электронный.

1.6. ЭБС Лань : электронно-библиотечная система : сайт / ООО ЭБС «Лань». – Санкт-Петербург, [2024]. – URL: <https://e.lanbook.com>. – Режим доступа: для зарегистрир. пользователей. – Текст : электронный.

1.7. ЭБС Znanium.com : электронно-библиотечная система : сайт / ООО «Знаниум». – Москва, [2024]. – URL: <http://znanium.com> . – Режим доступа : для зарегистрир. пользователей. – Текст : электронный.

**2. КонсультантПлюс** [Электронный ресурс]: справочная правовая система. / ООО «Консультант Плюс» - Электрон. дан. - Москва : КонсультантПлюс, [2024].

**3. eLIBRARY.RU**: научная электронная библиотека : сайт / ООО «Научная Электронная Библиотека». – Москва, [2024]. – URL: <http://elibrary.ru>. – Режим доступа : для авториз. пользователей. – Текст : электронный

**4. Федеральная государственная информационная система «Национальная электронная библиотека»** : электронная библиотека : сайт / ФГБУ РГБ. – Москва, [2024]. – URL: <https://нэб.рф>. – Режим доступа : для пользователей научной библиотеки. – Текст : электронный.

**5. Российское образование** : федеральный портал / учредитель ФГАУ «ФИЦТО». – URL: <http://www.edu.ru>. – Текст : электронный.

**6. Электронная библиотечная система УлГУ** : модуль «Электронная библиотека» АБИС Мега-ПРО / ООО «Дата Экспресс». – URL: <http://lib.ulsu.ru/MegaPro/Web>. – Режим доступа : для пользователей научной библиотеки. – Текст : электронный.

Инженер ведущий



Щуренко Ю.В.

2024

## 12. MATERIAL SUPPORT OF DISCIPLINE

Audiences for carrying out a practical training (structural unit GP State Healthcare Institution No. 1 of S.M. Kirov, Engels St. 27, lecture hall 1, 2, 3) for carrying out the current control and intermediate certification are completed with specialized furniture, an educational board and also there is a set of the multimedia equipment, a multimedia projector, the screen, acoustic columns.

Audiences for holding lectures are completed with specialized furniture, an educational board and also are available the multimedia equipment for work with large audience (body 4, Sviyaga River Emb., 106, the assembly hall).

Audiences for independent work (body 2, Sviyaga River Emb., 106, library) are completed with special furniture, there are conditions for access to Internet network.

## 13. SPECIAL CONDITIONS FOR STUDENTS WITH LIMITED OPPORTUNITIES OF HEALTH

In case of need, studying from among persons with limited opportunities of health

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(according to the statement of the student) some of the following options of perception of information taking into account their specific psychophysical features can be offered:

–for persons with disorders of vision: in printed form the increased font; in electronic form; in the form of the audiofile (transfer of training materials to an audioformat); in printed form be always on the lips Braille; individual consultations with attraction of a tiflosurdoperevodchik; individual tasks and consultations.

–for persons with a hearing disorder: in printed form; in electronic form; videos with subtitles; individual consultations with involvement of the signer; individual tasks and consultations.

–for persons with musculoskeletal disorders: in printed form; in electronic form; in the form of the audiofile; individual tasks and consultations.

In case of need uses in educational process of partially/exclusively remote educational technologies, the organization of work of teaching staff with the studying of disabled people is provided in the electronic information and education environment taking into account their specific psychophysical features.

### Developers

Department chair, MD, professor / V.I.Gorbunov / \_\_\_\_\_

The position of the worker

Full name

Associate professor, PhDs in Medicine /G.V.Vozzennikova/

The position of the worker

Full name

Associate professor, PhDs in Medicine /I.N.Isaeva/

The position of the worker

Full name