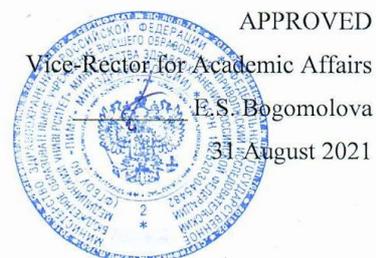


Federal State Budgetary Educational Institution of Higher Education
"Privolzhsky Research Medical University"
Ministry of Health of the Russian Federation



APPROVED

Vice-Rector for Academic Affairs

E.S. Bogomolova

31 August 2021

WORKING PROGRAM

Name of the practice: **PHARMACEUTICAL PROPAEDEUTICAL PRACTICE**

Specialty: **33.05.01 PHARMACY**

Qualification: **PHARMACIST**

Department: **MANAGEMENT AND ECONOMICS OF PHARMACY AND PHARMACEUTICAL TECHNOLOGY**

Mode of study: **FULL-TIME**

Nizhny Novgorod
2021

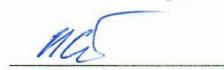
The working program has been developed in accordance with the Federal State Educational Standard for the specialty 33.05.01 PHARMACY, approved by Order by Order of the Ministry of Science and Higher Education of the Russian Federation No. 219 of March 27, 2018.

Developers of the working program:

Maxim Alekseevich Mishchenko, PhD in pharmaceutical sciences, associate professor of the Department of management and economics of pharmacy and pharmaceutical technology.

The program was reviewed and approved at the department meeting (protocol No. 9 of 29.04.2021).

Acting head of the Department,
PhD in pharmaceutical sciences



(signature) I.V. Spitskaya

AGREED
Deputy Head of the EMA



(signature) L.V. Lovtsova

1. The purpose and objectives of practice.

1.1. The purpose of practice – participation in forming the following competencies:
– universal competencies (UC-6).

1.2. Tasks of the practice – as a result of the practice, the student should

Know:

- basic concepts and professional terminology related to the specialty 33.05.01 Pharmacy;
- the system of training pharmacists under the specialty program 33.05.01 Pharmacy and the system of postgraduate education;
- directions of professional activity of the pharmacist in various fields of modern pharmacy and medicine;
- the possibilities of the socio-cultural environment of the educational organization;
- methods of effective time planning;
- potential strengths and weaknesses of the individual;
- effective ways of self-learning;
- criteria for assessing the success of the individual.

Be able to:

- draw up long-term and short-term plans;
- analyze life situations and set priorities;
- organize your time;
- form a portfolio;
- plan your professional trajectory;
- plan your life for the period of study in an educational organization;
- identify obstacles that prevent success;
- assess your competitiveness.

Possess:

- name and their prices
- skills to independently identify motives and incentives for self-development and education throughout life, while defining realistic goals for professional growth;
- skills in determining and implementing the priorities of their own professional activities and ways to improve them on the basis of self-esteem and continuing education.

2. Position of the practice in the structure of the General Educational Program of Higher Education (GEP HE) of the organization.

The practice refers to the core part of Block 1 of GEP HE, it is held in the 1st year in the 2nd semester according to the schedule.

Type of Practice: academic

Way of practice conducting: stationary/onsite.

Form of practice: continuous.

Total labor intensity of practice: 2 credit units (72 academic hours).

Duration of practice: 1 1/3 weeks.

3. Deliverables of mastering the academic discipline and metrics of competence acquisition.

The practice is aimed at acquiring the following universal competences (UC):

№	Competence code	The content of the competence (or its part)	Code and name of the competence acquisition metric	As a result of mastering the discipline, the students should:		
				know	be able to	possess
1.	UC-6	Able to determine and implement the priorities of own activities and ways to improve it on the basis of self-assessment and lifelong education	UC-6.1. Evaluates its resources and their limits (personal, situational, temporary), optimally uses them for successful execution of the assigned task UC-6.2. Determines the priorities of professional growth and ways to improve their own activities based on self-assessment according to the selected criteria UC-6.3. Builds a flexible professional trajectory using the tools of continuing education, taking into account the accumulated experience of professional activity and dynamically changing labor market requirements	<ul style="list-style-type: none"> – basic concepts and professional terminology related to the specialty 33.05.01 Pharmacy; – the system of training pharmacists under the specialty program 33.05.01 Pharmacy and the system of postgraduate education; – directions of professional activity of the pharmacist in various fields of modern pharmacy and medicine; – the possibilities of the socio-cultural environment of the educational organization; – methods of effective time planning; – potential strengths and weaknesses of the individual; – effective ways of self-learning; – criteria for assessing the success of the individual. 	<ul style="list-style-type: none"> – draw up long-term and short-term plans; – analyze life situations and set priorities; – organize your time; – form a portfolio; – plan your professional trajectory; – plan your life for the period of study in an educational organization; – identify obstacles that prevent success; – assess your competitiveness. 	<ul style="list-style-type: none"> – skills to independently identify motives and incentives for self-development and education throughout life, while defining realistic goals for professional growth; – skills in determining and implementing the priorities of their own professional activities and ways to improve them on the basis of self-esteem and continuing education.

4. The content of the practice.

4.1. Volume of the practice and types of academic work.

Type of educational work	Labor intensity		Labor intensity (AH) in semesters
	volume in credit units (CU)	volume in academic hours (AH)	
Classroom work, including	Classroom work is not stipulated		2
Lectures (L)	Lectures are not stipulated		
Laboratory practicum (LP)*	Laboratory practicums are not stipulated		
Practicals (P)	Practicals are not stipulated		
Seminars (S)	Seminars are not stipulated		
Student's individual work (SIW)	2	72	72
Mid-term assessment: credit			
TOTAL LABOR INTENSITY	2	72	72

4.2. Sections of the discipline and types of academic work.

№	Semester	Name of the section of the academic discipline	Types of academic work* (in AH)					
			L	LP	P	S	SIW	total
1	2	Pharmaceutical propaedeutic practice					72	72
		TOTAL:					72	72

* - L – lectures; LP – laboratory practicum; P – practicals; S – seminars; SIW – student's individual work.

4.3. Thematic plan of lectures.

Lectures are not stipulated for by the GEP HE.

4.4. Thematic plan of practical exercises.

Practical classes are not stipulated for by the GEP HE.

4.5. Thematic plan of seminars.

Seminars are not stipulated for by the GEP HE.

4.6. Types and topics of student's individual work (SIW).

№	Types and topics of SIW	Volume in AH
		2
1	Acquaintance with the work of drug wholesalers	12
2	Acquaintance with the organization of the work of the pharmacy organization	12
3	Acquaintance with the organization of the work of the quality control center	12
4	Acquaintance with the organization of pharmacies and medical organizations	12
5	Acquaintance with the work of the simulation center "Educational Pharmacy" of the Federal State Budgetary Educational Institution of Higher Education "PKMU" of the Ministry of Health of Russia	12
6	Preparation for the test	12
	TOTAL (total - 72 AH)	72

5. Forms of reporting on practice.

5.1. Diary (report) on practice.

6. Types of assessment formats for ongoing monitoring and mid-term assessment

№	Semester No.	Types of control	Name of section of academic discipline	Assessment formats		
				types	number of test questions	number of test task options
1	2	3	4	5	6	7
1.	2	Mid-term assessment: credit	Pharmaceutical propaedeutic practice	Tests	20	20

7.8. Educational, methodological and informational support for mastering the academic discipline (printed, electronic publications, the Internet and other network resources).

7.1. Key literature references.

№	Name according to bibliographic requirements	Number of copies	
		at the department	in the library
1.	Management and Economics of Pharmacy: Textbook. Moscow: GEOTAR-Media, 2019. - 928 c. - ISBN 978-5-9704-5228-8. – URL : https://www.studentlibrary.ru/book/ISBN9785970452288.html	Electronic resource	
2.	Management and Economics of Pharmacy: Textbook. Moscow: GEOTAR-Media, 2019. - 928 c. - ISBN 978-5-9704-5228-8. – URL : https://www.studentlibrary.ru/book/ISBN9785970452288.html	Electronic resource	
3.	Polinskaya T. A., Shishov M. A., Davidov S. B. Legal foundations of the organization of pharmaceutical activities. Moscow: GEOTAR-Media, 2020. - 384 c. - ISBN 978-5-9704-5310-0. – URL : https://www.studentlibrary.ru/book/ISBN9785970453100.html	Electronic resource	
4.	Legal basis of pharmaceutical activity: textbook. Moscow: GEOTAR-Media, 2020. - 432 c. - ISBN 978-5-9704-5407-7. - URL: https://www.studentlibrary.ru/book/ISBN9785970454077.html	Electronic resource	
5.	Vnukova V. A., Spichak I. V. Legal foundations of pharmaceutical activity. Moscow: GEOTAR-Media, 2020. - 432 c. - ISBN 978-5-9704-5407-7. - URL: https://www.studentlibrary.ru/book/ISBN9785970454077.html	Electronic resource	

7.2. Further reading.

№	Name according to bibliographic requirements	Number of copies	
		at the department	in the library
1	State regulation of pharmaceutical activity as an element of the system of health protection of citizens in the Russian Federation: Textbook / M.A. Mishchenko, S.V. Kononova, A.A. Ponomareva, N.N. Dadus, N.N. Chesnokova. – Nizhny Novgorod, 2019. – 70 p.	Electronic resource	

7.3. Electronic educational resources for teaching academic subjects

7.3.1. Internal Electronic Library System of the University (IELSU)

№	Name of the electronic resource	Brief description (content)	Access conditions	Number of users
1	Internal electronic library system (IELS) http://nbk.pimunn.net/MegaPro/Web	Works of university teaching staff: textbooks, manuals, collections of tasks, teaching aids, laboratory works, monographs, collections of scientific works, scientific articles, dissertations, abstracts of dissertations, patents	From any computer and mobile device with individual login and password. Access mode: http://nbk.pimunn.net/MegaPro/Web	Not limited

8.3.2. Electronic educational resources acquired by the University

<i>No</i>	<i>Name of the electronic resource</i>	<i>Brief description (content)</i>	<i>Access conditions</i>	<i>Number of users</i>
1	Electronic legal reference system "Consultant Plus" (contract for free) http://www.consultant.ru	Regulatory documents regulating the activities of medical and pharmaceutical institutions From the scientific library computers	Access mode: http://www.consultant.ru/	Not limited Term of validity: Unlimited

8.3.3 Open access resources

<i>No</i>	<i>Name of the electronic resource</i>	<i>Brief description (content)</i>	<i>Access conditions</i>
1	PubMed https://www.ncbi.nlm.nih.gov/pubmed	US National Library of Medicine search engine for Medline, PreMedline databases	From any computer and mobile device. Access mode: https://www.ncbi.nlm.nih.gov/pubmed Not limited
2	Scopus database www.scopus.com	International abstract database of scientific citation From university computers, from any computer by individual login and password	Access mode: www.scopus.com Not limited
3	Web of Science Core Collection https://www.webofscience.com	International abstract database of scientific citation. From university computers, from any computer by individual login and password.	Access mode: https://www.webofscience.com Not limited

8. Material and technical support for mastering an academic discipline.

8.1. List of organizations used in the practice.

Structural subdivisions of medical and pharmaceutical organizations engaged in medical and pharmaceutical activities.

8.2. List of premises for classroom activities for the discipline

1. Classes for lectures and practical classes, equipped with multimedia and other means of training, allowing the use of simulation technologies, with standard sets of professional models (sets of protocols of clinical trials, formulary lists of LPU, price lists of distribution companies, sets of quality of life questionnaires), allowing students to master the skills and abilities, provided by professional activity, individually.

2. Simulation center "Educational pharmacy", equipped with simulation technics, which imitates the activity of pharmacy and its subdivisions (acceptance of goods, storage of goods, dispensing, pharmaceutical expertise of receipt) in the amount that allows students to master skills, provided by professional activity individually.

3. Rooms for students' independent work, equipped with computers with the ability to connect to the Internet and access to the electronic information and educational environment of the University.

8.3. List of equipment for classroom activities for the discipline

1. Multimedia complex (laptop, projector, screen, TV)
2. Computer class (15 computers) with installed applications and Internet access.

8.4. List of software

1. Online event platform "Webinar"
2. Yandex Browser
3. Reference system "Consultant Plus"

A set of licensed and freely distributed software, including domestic production

Item no.	Software	number of licenses	Type of software	Manufacturer	Number in the unified register of Russian software	Contract No. and date
1	Wtware	100	Thin Client Operating System	Kovalev Andrey Alexandrovich	1960	2471/05-18 from 28.05.2018
2	MyOffice is Standard. A corporate user license for educational organizations, with no expiration date, with the right to receive updates for 1 year.	220	Office Application	LLC "NEW CLOUD TECHNOLOGIES"	283	without limitation, with the right to receive updates for 1 year.
3	LibreOffice		Office Application	The Document Foundation	Freely distributed software	
4	Windows 10 Education	700	Operating systems	Microsoft	Azure Dev Tools for Teaching Subscription	
5	Yandex.		Browser	«Yandex»	3722	

	Browser					
6	Subscription to MS Office Pro for 170 PCs for FSBEI HE "PRMU" of the Ministry of Health of Russia	170	Office Application	Microsoft		23618/HN10030 LLC "Softline Trade" from 04.12.2020

