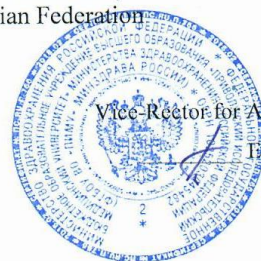


Federal State Budgetary Educational Institution of Higher Education
"Privolzhsky Research Medical University"
Ministry of Health of the Russian Federation



APPROVED

Vice-Rector for Academic Affairs

I.S. Bogomolova

31 August 2021

WORKING PROGRAM

Name of the academic discipline: **FUNDAMENTALS OF ENTREPRENEURIAL
ACTIVITY IN PHARMACY**

Specialty: **33.05.01 PHARMACY**

Qualification: **PHARMACIST**

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

Mode of study: **FULL-TIME**

Labor intensity of the academic discipline: **36 academic hours**

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

29.04.2021



(signature) I.V. Spitskaya

AGREED

Deputy Head of EMA ph.d. of biology  Lovtsova L.V.

29.04.2021

1. The purpose and objectives of mastering the academic discipline
FUNDAMENTALS OF ENTREPRENEURIAL ACTIVITY IN PHARMACY (hereinafter – the discipline):

1.1. The purpose of mastering the discipline – participation in forming the following competencies:

- universal competence of UC-9.

1.2. Tasks of the discipline:

1. Formation of basic, fundamental pharmaceutical knowledge in the specialty 33.0 5.01 Pharmacy.

2. Training of a specialist pharmacist with analytical thinking, well oriented in control-permitting and organizational-managerial activities in the field of circulation of medicines, having in-depth knowledge of related disciplines.

3. Formation of skills in mastering the latest technologies and techniques in the field of their professional interests.

4. Formation of a specialist skills in the planning and organization of entrepreneurial activity in the field of circulation of medicines.

5. Mastering of organizational measures for the opening and registration of pharmaceutical organizations.

1.3. Requirements to the deliverables of mastering the discipline

As a result of completing the discipline, the student should

Know:

- commercial and business terminology that meets modern international standards of entrepreneurship;

- the initial amount of information necessary for any modern entrepreneur, namely: the basics of legislation (civil, labor, tax, etc.), the basics of the economy of the enterprise, the concept of capital, the forms of its existence and movement, financial and credit affairs, accounting and reporting systems, etc. ;

- the necessary information on the legal and economic aspects of setting up your own enterprise;

- possible problems and difficulties faced by the entrepreneur in the course of his activities, especially at the initial stage, in certain specific conditions.

Be able to:

- determine their business opportunities;

- use the knowledge of the basics of entrepreneurship to organize your business;

- analyze specific situations of everyday business life;

- systematize and work out the rapidly changing economic information necessary for making the right business decisions;

- navigate the rapidly changing market conditions and change the directions of their entrepreneurship in a timely manner.

Possess:

- the main methods, methods and means of receiving, storing, processing information;

- skills of independent creative work, be able to economically correctly formulate and argue their position.

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

2.1. The discipline refers to the part formed by the participants of educational relations of

Block 1 of GEP HE (B1.PER.E.6).

The discipline is taught in the 9 semester/5 year of study.

2.2. The following knowledge, skills and abilities formed by previous academic disciplines are required for mastering the discipline:

- economic theory;
- law;
- information support of the life cycle of medicines;
- information technologies in pharmacy;
- management and economics of pharmacy;
- pharmaceutical propaedeutic practice.

2.3. Mastering the discipline is required for forming the following knowledge, skills and abilities for subsequent academic disciplines:

- pharmaceutical management;
- legal basis of the pharmacist's activities;
- promotion of goods in the pharmaceutical market;
- management and economics of pharmacies.

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

Mastering the discipline aims at acquiring the following professional (PC) competence

№	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-9	Able to make informed economic decisions in various areas of life	UC-9.1. Knows the main points and methods of economic science and management, their legal reflection and provision in the Russian legislation; the current state of the world economy and the peculiarities of the functioning of Russian markets; the role of the state in coordinating long-term and short-term economic interests of societies. UC-9.2. Uses economic knowledge to understand the driving forces and patterns of the historical process, to analyze socially significant problems and solve social and	– commercial and business terminology that meets modern international standards of entrepreneurship; – the initial amount of information necessary for any modern entrepreneur, namely: the basics of legislation (civil, labor, tax, etc.), the basics of the economy of the enterprise, the concept of capital, the forms of its existence and movement, financial and credit affairs, accounting and reporting systems,	– determine their business opportunities; – use the knowledge of the basics of entrepreneurship to organize your business; – analyze specific situations of everyday business life; – systematize and work out the rapidly changing economic information necessary for making the right business decisions; – navigate the rapidly changing market conditions and change the directions of their entrepreneurship	– the main methods, methods and means of receiving, storing, processing information; – skills of independent creative work, be able to economically correctly formulate and argue their position.

			professional tasks. UC-9.3. Finds effective organizational and managerial solutions, independently masters applied economic knowledge, necessary for work in the professional field.	etc. ; – the necessary information on the legal and economic aspects of setting up your own enterprise; – possible problems and difficulties faced by the entrepreneur in the course of his activities, especially at the initial stage, in certain specific conditions.	in a timely manner. –	
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4. Sections of the academic discipline and competencies that are formed when mastering them

№	Competence code	Section name of the discipline	The content of the section in teaching units
1	UC-9	Fundamentals of entrepreneurial activity in pharmacy	The main provisions of entrepreneurial activity in the Russian Federation. Theoretical foundations of entrepreneurial activity, evolution of the concept of "entrepreneurship". The concept of enterprise, the main approaches to the classification of enterprises: depending on the size, on the basis of the criterion of ownership, depending on the type of activity, depending on the type of output, depending on the structure of the enterprise, depending on the source of financing, depending on the distribution of profits, depending on the organizational and legal form, depending on the form of association of enterprises. The concept of the entrepreneurial environment, the characteristics of the internal environment, the external macroenvironment and the microenvironment. State regulation of the business environment. State policy in the field of small and medium-sized businesses. Organizational and legal forms of enterprises. The procedure for state registration of entrepreneurial activity without the formation of a legal entity. The procedure for state registration of entrepreneurial activity with the formation of a legal entity. Stages of creating a new enterprise. Types of responsibility of entrepreneurs. The concept of risk in entrepreneurship, losses from risks, ways to reduce risks.

5. Volume of the academic discipline 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	0,61	22	9
			22

Lectures (L)	0,17	6	6
Laboratory practicum (LP)*	Laboratory practicums are not stipulated		
Practicals (P)	0,44	16	16
Seminars (S)	Seminars are not stipulated		
Student's individual work (SIW)	0,39	14	14
Mid-term assessment			
credit/exam (<i>specify the type</i>)			credit
TOTAL LABOR INTENSITY	1	36	1

6. Content of the academic discipline

6.1. Sections of the discipline and types of academic work

№	Name of the section of the academic discipline	Types of academic work* (in AH)					
		L	LP	P	S	SIW	total
1	Fundamentals of entrepreneurial activity in pharmacy	6		16		14	36
	TOTAL	6		16		14	36

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

6.2. Thematic schedule of educational work types:

6.2.1 Thematic schedule of lectures

No	Name of lecture topics	Volume in AH
		9
1.	Theoretical foundations of entrepreneurial activity	1
2.	Enterprise: Definition and Approaches to Classification	1
3.	Business environment	1
4.	Organizational and legal forms of enterprises	1
5.	Stages of creating a new enterprise	1
6.	Types of responsibility of entrepreneurs. Risks in entrepreneurship	1
	TOTAL (total – 6 AH)	6

6.2.2. The thematic plan of laboratory practicums

Laboratory practicums are not stipulated.

6.2.3. Thematic plan of practicals

No	Name of the topics of practicals	Volume in AH
		9
1.	Theoretical foundations of entrepreneurial activity	2
2.	Enterprise: Definition and Approaches to Classification	4
3.	Business environment	2
4.	Organizational and legal forms of enterprises	2
5.	Stages of creating a new enterprise	2
6.	Types of responsibility of entrepreneurs. Risks in entrepreneurship	2
7.	CREDIT	2
8.	TOTAL (total – 16 AH)	16

6.2.4. Thematic plan of seminars

Seminars are not stipulated.

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

No	Types and topics of SIW	Volume in AH
		9
1.	Working with literature and other sources of information on the studied section	6
2.	Assignments in the form of reports and speeches	4
3.	Working with electronic educational resources	4
4.	TOTAL (total – 14 AH)	14

7. 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.	9	Current monitoring: Control of mastering the topic Monitoring the student's individual work	Fundamentals of entrepreneurial activity in pharmacy	Test work	5	5
2.	1	Mid-term assessment		Credit	3	40

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

8.1. Key literature references

№	Name according to bibliographic requirements	Number of copies	
		at the department	in the library
1	The system of legislative regulation of circulation of medicines: Textbook / M.A. Mishchenko, E.V. Shalenkova, A.A. Ponomareva, N.N. Chesnokova, S.V. Kononova. – Nizhny Novgorod, 2021. – 77 p.	electronic resource	
2	Fundamentals of state legislation on manufacturing of medicines: Textbook / M M.A. Mishchenko, E.V. Shalenkova, A.A. Ponomareva, N.N. Chesnokova, S.V. Kononova. – Nizhny Novgorod, 2021. – 56 p.	electronic resource	
3	Fundamentals of state legislation on pharmaceutical activities: Textbook / M.A. Mishchenko, E.V. Shalenkova, A.A. Ponomareva, N.N. Chesnokova, S.V. Kononova. – Nizhny Novgorod, 2021. – 50 p.	electronic resource	
4	The concept of good practices in the pharmaceutical regulatory system: Textbook / M.A. Mishchenko, E.V. Shalenkova, A.A. Ponomareva, N.N. Chesnokova, S.V. Kononova. – Nizhny Novgorod,	electronic resource	

	2021. – 57 p.	
5	Fundamentals of pharmaceutical economics: Textbook / M.A. Mishchenko, E.V. Shalenkova, A.A. Ponomareva, N.N. Chesnokova, S.V. Kononova. – Nizhny Novgorod, 2021. – 125 p.	electronic resource
6	Prices and pricing in the pharmaceutical market: Textbook / M.A. Mishchenko, E.V. Shalenkova, A.A. Ponomareva, N.N. Chesnokova, S.V. Kononova. – Nizhny Novgorod, 2021. – 77 p.	electronic resource
7	Product policy of a pharmaceutical organization: Textbook / M.A. Mishchenko, E.V. Shalenkova, A.A. Ponomareva, N.N. Chesnokova, S.V. Kononova. – Nizhny Novgorod, 2021. – 90 p.	electronic resource
8	Fundamentals of planning economic indicators: Textbook / M.A. Mishchenko, E.V. Shalenkova, A.A. Ponomareva, N.N. Chesnokova, S.V. Kononova. – Nizhny Novgorod, 2021. – 78 p.	electronic resource
9	Planning of trade turnover of a pharmaceutical organization: Textbook / M.A. Mishchenko, E.V. Shalenkova, A.A. Ponomareva, N.N. Chesnokova, S.V. Kononova. – Nizhny Novgorod, 2021. – 78 p.	electronic resource
10	Planning of distribution costs of a pharmaceutical organization: Textbook / M.A. Mishchenko, E.V. Shalenkova, A.A. Ponomareva, N.N. Chesnokova, S.V. Kononova. – Nizhny Novgorod, 2021. – 60 p.	electronic resource
11	Income and profit planning of a pharmaceutical organization: Textbook / M.A. Mishchenko, E.V. Shalenkova, A.A. Ponomareva, N.N. Chesnokova, S.V. Kononova. – Nizhny Novgorod, 2021. – 70 p.	electronic resource
12	Accounting of financial and economic activities of a pharmacy organization: Textbook / M.A. Mishchenko, S.V. Kononova, N.N. Chesnokova, A.A. Ponomareva, E.V. Shalenkova. – Nizhny Novgorod, 2022. – 74 p.	electronic resource
13	Specific issues of accounting for the property of a pharmacy organization: Textbook / M.A. Mishchenko. – Nizhny Novgorod, 2022. – 50 p.	electronic resource
14	Basic principles of accounting of settlements with the personnel of a pharmacy organization: Textbook / M.A. Mishchenko. – Nizhny Novgorod, 2022. – 50 p.	electronic resource
15	The tax concept and tax management of pharmaceutical organizations: Textbook / M.A. Mishchenko. – Nizhny Novgorod, 2022. – 52 p.	electronic resource

8.2. Further reading

№	Name according to bibliographic requirements	Number of copies	
		at the department	in the library
1	The medicine lifecycle concept: Textbook / M.A. Mishchenko, S.V. Kononova, A.A. Ponomareva. – Nizhny Novgorod, 2020. – 80 p.	electronic resource	
2	Information technologies in the medicine lifecycle	electronic resource	

	management: Textbook / M.A. Mishchenko, S.V. Kononova, A.A Ponomareva. – Nizhny Novgorod, 2020. – 99 p.	
3	Evaluating the quality of pharmaceutical information: Textbook / M.A. Mishchenko, S.V. Kononova, A.A Ponomareva. – Nizhny Novgorod, 2020. – 98 p.	electronic resource
4	Analysis and processing of pharmaceutical information: Textbook / M.A. Mishchenko, S.V. Kononova, A.A Ponomareva. – Nizhny Novgorod, 2020. – 95 p.	electronic resource
5	Post-marketing evaluation of medicinal products – pharmacoepidemiology: Textbook / M.A. Mishchenko, S.V. Kononova, A.A Ponomareva. – Nizhny Novgorod, 2020. – 53 p.	electronic resource
6	Post-marketing evaluation of the medicinal products – pharmacoconomics: Textbook / M.A. Mishchenko, S.V. Kononova, A.A Ponomareva. – Nizhny Novgorod, 2020. – 107 p.	electronic resource
7	Post-marketing evaluation of medicinal products – pharmacovigilance: Textbook / M.A. Mishchenko, S.V. Kononova, A.A Ponomareva. – Nizhny Novgorod, 2020. – 70 p.	electronic resource
8	Fundamentals of the state regulation of pharmaceutical information that is advertising: Textbook / M.A. Mishchenko, S.V. Kononova, A.A Ponomareva. – Nizhny Novgorod, 2020. – 109 p.	electronic resource

8.3. Electronic educational resources for teaching academic subjects

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

<i>№</i>	<i>Name of the electronic resource</i>	<i>Brief description (content)</i>	<i>Access conditions</i>	<i>Number of users</i>
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>№</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)	Regulatory documents regulating the activities of medical and pharmaceutical	Access mode: http://www.consultant.ru/	Not limited Term of validity: Unlimited

	http://www.consultant.ru	institutions From the scientific library computers		
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8.3.3 Open access resources

No	Name of the electronic resource	Brief description (content)	Access conditions
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

9. Material and technical support for mastering an academic discipline

9.1. 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.

9.2. 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.

9.3. List of software

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

9.3. 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		Browser	«Yandex»	3722	
6	Subscription to MS Office Pro for 170 PCs for FGBOU VO "PIMU" of the Ministry of Health of Russia	170	Office Application	Microsoft		23618/HN10030 LLC "Softline Trade" from 04.12.2020

10. List of changes to the working program (to be filled out by the template)

Federal State Budgetary Educational Institution of Higher Education
"Privolzhsky Research Medical University"
Ministry of Health of the Russian Federation
(FSBEI HE "PRMU" of the Ministry of Health of Russia)

Department of
Name of the department

CHANGE REGISTRATION SHEET

working program for the academic discipline
NAME OF THE ACADEMIC DISCIPLINE

Field of study / specialty / scientific specialty: _____ (code, name)

Training profile: _____
(name) - for master's degree programs

Mode of study: _____
full-time/mixed attendance mode/extramural

Position	Number and name of the program section	Contents of the changes made	Effective date of the changes	Contributor's signature
1				

Approved at the department meeting
Protocol No. _____ of _____ 20__

Head of the Department

department name, academic title

signature

print name