

Документ подписан простой электронной подписью
Информация о владельце:
ФИО: Ястребов Олег Александрович
Должность: Ректор
Дата подписания: 22.06.2023 15:24:48
Уникальный программный ключ:
ca953a0120d891083f939673078ef1a989dae18a

**Federal State Autonomous Educational Institution
of higher education «Peoples' Friendship University of Russia»**

Medical Institute

(name of the main educational unit (EIU) - the developer of the postgraduate program)

Department of Management and Economics of Pharmacy

(name of the basic educational unit (BUP)-developer of the postgraduate program)

RESEARCH PLAN

Academic specialty:

3.4.3 - Social and administrative pharmacy

(code and name of the scientific specialty)

Research is carried out within the framework of the postgraduate program :

Social and administrative pharmacy

(name of postgraduate program)

2023 г.

1. PURPOSE OF SCIENTIFIC RESEARCH

The purpose of scientific research (implementation of scientific (research) activities) is to prepare a thesis for the degree of Candidate of Pharmaceutical Sciences (hereinafter - the thesis) for the defense.

Objectives of scientific research (implementation of scientific (research) activities):

- ensuring the formation of professional research thinking of graduate students, forming in them a clear idea of the main professional tasks, ways of solving them;
- formation of skills to develop working plans and programs of scientific research;
- preparation of data for reviews, reports, scientific reports and publications;
- formation of skills and abilities to conduct scientific discussion, to present the results of research in different forms (presentation, abstract, essay, analytical review, critical review, report, communication, speech, scientific article of review, research and analytical nature, etc.);
- acquiring the experience of independent organization of research activities.

2. THE PLANNED RESULTS OF SCIENTIFIC RESEARCH

Solving a scientific problem, which is important for the development of the organization of pharmaceutical business.

Preparation of the thesis for the defense includes the implementation of an individual plan of scientific activity, writing, design and presentation of the thesis for the final attestation.

As a result of the training, the graduate student should:

know:

- the methodology of scientific research;
- modern technologies of information search and processing;
- requirements for the quality, completeness and reliability of sources of scientific information used in scientific research;
- requirements for the design of the results of scientific research;

be able to:

- organize independent research work;
- identify, formulate topical problems in the research field, set goals, define the subject and objectives of research;
- collect, systematize and study scientific literature in the field of the theme under study;
- conduct experimental research;
- analyze the collected data on the topic of research;
- argue the results of their own scientific research and draw valid conclusions;
- present the results of scientific research in the form of completed research papers: reports, abstracts, reports, theses, scientific articles;

possess:

- skills of independent research work;
- methods of research and experimental work and the rules of the use of research tools;
- methods of analysis and processing of experimental and empirical data, means and ways of data processing;
- skills of using modern software for statistical data processing;
- scientific-theoretical approaches of domestic and foreign scientists on the problem under study, methods of analysis of the data accumulated in the scientific field on the topic of research

- methods of organization, planning and implementation of scientific work, knowledge of registration of the results of research work;
- public speaking skills;
- skills of preparation of presentations and scientific reports, registration of scientific articles and scientific work.

The plan of research activities of a particular student is approved in the individual plan of research activities of a graduate student, the requirements to which are established by the relevant local normative act of PFUR.

3. THE SCOPE OF SCIENTIFIC RESEARCH

The total labor input of carrying out scientific researches is 150 credit units (5490 ac.h.).

4. STAGES OF SCIENTIFIC RESEARCHES PERFORMANCE*

Table 4.1. Stages of carrying out scientific researches

Stage name	Contents of the stage (topics, types of activities).	Labor intensity, ac.h.
1 course		
Section 1. Postgraduate research activities aimed at preparing a dissertation for defense	Study of methodological recommendations on the organization and the passage of research work. Getting individual assignments. Individual consultations with the scientific supervisor. Acquaintance with scientific methods, technology of their application, ways of processing of the received empirical data and their interpretation.	1548
	Formulation of the purpose, tasks, prospects of research. Definition of the relevance and scientific novelty of the work. Formulation of the topic and structure of scientific work (together with the supervisor).	
	Writing the first chapter of the thesis "Review of literature" on the topic of research. Preparation and publication of scientific articles in the journals of the VAK list, RSCI, SCOPUS, Wos.	
	Writing the first chapter of the dissertation "Literature Review" on the topic of research.	
Section 2: Preparation of publications in which the main scientific results of the thesis are presented	Подготовка и публикация научных статей в журналах перечня ВАК, РИНЦ, SCOPUS, Wos.	72
Intermediate certification		27
TOTAL :		1836
2 course		
Section 1. Postgraduate research activities aimed at preparing a dissertation for defense	Conducting scientific research on the topic of research work.	1332
	Collection and synthesis of material.	
	Statistical processing and analysis of the data obtained.	

Stage name	Contents of the stage (topics, types of activities).	Labor intensity, ac.h.
	Speech at scientific conferences, congresses, seminars with the obligatory publication of theses.	
Section 2: Preparation of publications in which the main scientific results of the thesis are presented	Preparation and publication of scientific articles in the journals of the VAK list, RSCI, SCOPUS, Vos.	432
Intermediate certification		36
TOTAL :		1620
3 course		
Section 1. Postgraduate research activities aimed at preparing a dissertation for defense	Interpretation of the results, formulation of the conclusion, conclusions, practical recommendations on the results of research work.	1656
	Completion of the writing of the dissertation work.	
	Approbation of the results of the research work. Preparation of the scientific report and presentation of the research results.	
	Discussion of the results of research at the department meeting.	
	Writing the thesis abstract. Recommendation of the dissertation for official defense.	
Section 2: Preparation of publications in which the main scientific results of the thesis are presented	Preparation and publication of scientific articles in the journals of the VAK list, RSCI, SCOPUS, Vos.	288
Промежуточная аттестация		27
ВСЕГО:		1971

5. MATERIAL-TECHNICAL SUPPORT OF SCIENTIFIC RESEARCH

Table 5.1. Material and technical support

Type of classroom	Equipment of the classroom	Specialized training/laboratory equipment, software and materials for mastering the discipline (if necessary)
Auditorium (452)	Auditorium for laboratory, practical classes and seminars, individual consultations, current monitoring and interim certification, equipped with a set of specialized furniture and technical means of multimedia presentations.	Microsoft products (OS, office suite) (Enrollment for Education Solutions (EES) Subscription No. 56278518 dated 23/04/2019) Garant (Contract No. 13A/46/2018 dated 02/04/2018) Consultant Plus (Information Support Agreement dated 01/09/2013)

Type of classroom	Equipment of the classroom	Specialized training/laboratory equipment, software and materials for mastering the discipline (if necessary)
		Reg. number tso-03-207-7474 of 09.13
Auditorium (453)	Auditorium for seminars, group and individual consultations, current monitoring and interim certification, equipped with a set of specialized furniture and technical means of multimedia presentations.	Microsoft products (OS, office suite) (Enrollment for Education Solutions (EES) Subscription No. 56278518 dated 23/04/2019) Garant (Contract No. 13A/46/2018 dated 02/04/2018) Consultant Plus (Information Support Agreement dated 01/09/2013) Reg. number tso-03-207-7474 of 09.13
Training room for practical skills training - Simulation Training Center "Learning Pharmacy", aud. 173.	Set of specialized furniture. Technical means: computer. Visual aids, computer presentations on current topics; label and barcode printer ATOL BP21 RS-232 and USB; receipt printer DX58; customer display SHTRIH-T D2-USB; UPS CyberPower BS850E /UPS 850VA/490W (3+3 EURO)	Microsoft products (OS, office suite) (Enrollment for Education Solutions (EES) Subscription No. 56278518 dated 23/04/2019) Garant (Contract No. 13A/46/2018 dated 02/04/2018) Consultant Plus (Information Support Agreement dated 01/09/2013) Reg. number tso-03-207-7474 of 09.13
Training room for practical skills training - Simulation Training Center "Learning Pharmacy", aud. 175	Set of specialized furniture. Technical means: computer. Visual aids, computer presentations on current topics; UPS CyberPower BS850E /UPS 850VA/490W (3+3 EURO)	Microsoft products (OS, office suite) (Enrollment for Education Solutions (EES) Subscription No. 56278518 dated 23/04/2019) Garant (Contract No. 13A/46/2018 dated 02/04/2018) Consultant Plus (Information Support Agreement dated 01/09/2013)
Training room for practical skills training - Simulation Training Center "Learning Pharmacy", aud.176	Set of specialized furniture. Technical means: computer. Visual aids, computer presentations on current topics; UPS CyberPower BS850E /UPS 850VA/490W (3+3 EURO)	Microsoft products (OS, office suite) (Enrollment for Education Solutions (EES) Subscription No. 56278518 dated 23/04/2019) Garant (Contract No. 13A/46/2018 dated 02/04/2018) Consultant Plus (Information Support Agreement dated 01/09/2013)

Type of classroom	Equipment of the classroom	Specialized training/laboratory equipment, software and materials for mastering the discipline (if necessary)
		Reg. number tso-03-207-7474 of 09.13
For independent work of students (aud. 452,453).	Auditoriums for independent work of students are equipped with a set of specialized furniture and computers with access to the EIOS.	Microsoft products (OS, office suite) (Enrollment for Education Solutions (EES) Subscription No. 56278518 dated 23/04/2019) Garant (Contract No. 13A/46/2018 dated 02/04/2018) Consultant Plus (Information Support Agreement dated 01/09/2013) Reg. number tso-03-207-7474 of 09.13

6. WAYS OF CONDUCTING SCIENTIFIC RESEARCH

Scientific research is carried out both at RUDN structural divisions or organizations in Moscow (stationary) and at bases outside Moscow (off-site).

Conducting research at an outside organization (outside RUDN) is carried out on the basis of a corresponding contract, which specifies the terms, place and conditions of the research at the base organization.

The timing of the research corresponds to the period specified in the academic calendar of the graduate program. The terms of the internship can be adjusted in coordination with the PFUR Department for training of higher-education personnel.

7. EDUCATIONAL-METHODICAL AND INFORMATIONAL SUPPORT OF SCIENTIFIC RESEARCH

Basic literature:

1. Федеральный закон от 23 августа 1996 г. № 127-ФЗ «О науке и государственной научно-технической политике»
2. Постановления Правительства РФ от 24 сентября 2013 г. № 842 «О порядке присуждения ученых степеней»
3. Абакумов М.М. Медицинская диссертация : практическое руководство / М.М. Абакумов. - 2-е изд., перераб. и доп. - Москва : ГЭОТАР-Медиа, 2017. - 208 с.
4. Волков Ю.Г. Диссертация. Подготовка, защита, оформление. М., 2012.
5. Кузин Ф.А. Диссертация. Методика написания. Правила оформления. Порядок защиты. М., 2013.
6. Новиков А.М. Методология научного исследования [Текст]: учеб.-метод. пособие / А. М. Новиков, Д. А. Новиков. – М.: ЛИБРОКОМ, 2010. – 280 с.

1. Federal Law No. 127-FZ of August 23, 1996 "On Science and State Scientific and Technical Policy".
2. Resolutions of the Government of the Russian Federation of September 24, 2013 № 842 "On the procedure for awarding academic degrees".
3. Abakumov M.M. Medical dissertation : a practical guide / M.M. Abakumov. - Moscow : GEOTAR-Media, 2017. - 208 с.
4. Volkov Y.G. Dissertation. Preparation, protection, registration. M., 2012.
5. Kuzin F.A. Dissertation. Methodology of writing. Rules of registration. Order of protection. M., 2013.
6. Novikov A.M. Methodology of Scientific Research [Text]: tutorial / A.M. Novikov, D.A. Novikov. - M.: LIBROCOM, 2010. - 280 с.

Additional literature:

1. Райзберг Б.А. Диссертация и ученая степень. М., 2011.
2. Ярская В.Н. Методология диссертационного исследования. Как защитить диссертацию. М., 2011.

1. Raizberg B.A. Dissertation and academic degree. M., 2011.
2. Yarskaya V.N. Methodology of dissertation research. How to defend a dissertation. M., 2011.

Resources of information and telecommunications network "Internet":

1. the RUDN electronic library system and third-party electronic libraries to which university students have access on the basis of contracts:

- RUDN Electronic Library System - RUDN EBS <http://lib.rudn.ru/MegaPro/Web>
- University Library Online Libraries <http://www.biblioclub.ru>
- Yurite electronic library system <http://www.biblio-online.ru>
- Student's Consultant electronic library system www.studentlibrary.ru
- Lan LGS <http://e.lanbook.com/>
- LUNT" LBS "Trinity Bridge" 2.

2 Databases and search engines:

- electronic fund of legal and normative-technical documentation <http://docs.cntd.ru/>
- Yandex search engine <https://www.yandex.ru/>
- Google search engine <https://www.google.ru/>
- SCOPUS abstract database <http://www.elsevierscience.ru/products/scopus/>
- MedLib online medical library (<http://med-lib.ru/>).
- Higher Attestation Commission (HAC) - <http://vak.ed.gov.ru/>

Teaching materials for scientific research:*

1. Methodical instructions for the preparation of theses, scientific publications.

* - all educational-methodical materials for scientific research are placed according to the current order on the practice page in TUIS!

8. ASSESSMENT MATERIALS AND EVALUATION SYSTEM FOR STUDENTS ON THE RESULTS OF SCIENTIFIC RESEARCH

Obligatory activities of the learner:

1 year of study:

- independent study of the recommended methodical literature necessary to perform research work, familiarization with the research program;
- Together with the supervisor to make a working plan for scientific research;
- formulation of the goal, objectives, research prospects. Definition of the relevance and scientific novelty of the work. Formulation of the topic and structure of scientific work (together with the supervisor);
- preparation and discussion at the department of thesis concept and approval of the theme;
- studying and reviewing scientific literature (foreign and domestic) on the topic of the thesis work;
- familiarization with scientific methods, technology of their application, methods of processing of the obtained empirical data and their interpretation;
- writing the first chapter of the thesis "Literature review" on the topic of research;
- participation in research work of the profile department
- presentation at the scientific conference;год обучения:
- conducting scientific research on the topic of the research work;
- collecting and summarizing the material;
- statistical processing and analysis of the data obtained;
- preparation and discussion at the department of part of the thesis;
- presentation at scientific conferences, congresses, seminars with obligatory publication of theses;
- publication of at least two research articles, including one research article on the topic of the research in a journal included in the VAK list and/or RUDN or SCOPUS, Web of Science and other equivalent journals and/or approved by the RUDN Academic Council;
- participation in the research work of the specialized department.

2 year of study:

- interpretation of the results, formulation of the conclusion, conclusions, practical recommendations on the results of research work;
- preparation of the entire thesis and presentation to the supervisor;
- publication of at least three research articles, including two research articles on the topic of the research in journals included in the VAK list and/or RUDN and SCOPUS, Web of Science and other similar journals and/or approved by the RUDN Academic Council:
- Presentations at conferences;
- participation in the research work of the department;
- summing up the results of the research work;
- preparing a scientific report and presentation;
- discussing the results of the research at the department meeting;
- writing the thesis abstract.

3 year of study:

According to the results of the stages of detection of scientific research graduate student submits to the supervisor or at a meeting of the department a detailed oral or written report. The report includes information describing the content of the graduate student's work and reflecting the implementation of scientific research.

The report should include information about:

- on the degree of readiness of the dissertation;
- According to the preparation and publication of articles in the journals included in the VAK list, RSCI, Scopus, Web of Science and other equivalent journals and/or approved by the PFUR Academic Council;
- participation of the postgraduate student in scientific and technical events on the topic of his/her research;
- participation in the research work of the department (if any);
- other.

The supervisor provides feedback on the quality, timeliness and success of the stages of scientific (research) activities of the graduate student during the period of interim certification.

The results of research for each year of study are determined by conducting interim certification with grades "excellent", "good", "satisfactory", "unsatisfactory" and in the system of ECTS (A, B, C, D, E). The basis for their grading is the University's grading system.

DEVELOPERS :

**Head of the Department of
Management and Economics of
Pharmacy**

Loskutova E.E.

**Professor, Department of
Management and Economics of
Pharmacy**

Kosova I.V.

HEAD OF BUP:

**Department of
Management and Economics of Pharmacy**

Loskutova E.E.
