

Federal State Autonomous Educational Institution of Higher Education  
Peoples' Friendship University of Russia

**Department of Economics**

**PROGRAM OF RESEARCH PRACTICE**

**Name of the training practice**                      **Research**

**Recommended for training / specialty direction**

**38.06.01 The Economy**

**Directivity of the program (profile)**

**08.00.05 - "Economics and management of the national economy"**

**Qualification of the graduate teacher-researcher**

**2018**

## **1. Objectives of Practice**

The objectives of the research practice are to expand and consolidate the theoretical and practical knowledge obtained by graduate students in the learning process, the formation of competencies in accordance with the PFUR ES.

## **2. Objectives of practice**

The tasks of research practice are:

- development of a complex of skills for the implementation of scientific research for the preparation of a dissertation;
- formation of the skill of presentations at scientific conferences with the presentation of research materials, participation in scientific discussions;
- formation of the skill of conducting an independent research in accordance with the developed program;
- formation of the skill of presenting the results of the conducted research in the form of a review, a scientific article, a report.

## **3. The place of research practice in the structure of the EP HE**

Research practice is a mandatory component of the training program in the direction of 38.06.01 "Economics" profile "Economics and management of the national economy." Disciplines for which the passage of this practice is necessary as the foregoing are the "Methodology of Research", "Economics and Organization of Enterprises and Branches of the National Economy", "Problems of the Economics of Industry and Entrepreneurship".

## **4. Forms of conducting scientific research practice**

The main forms of research practice are:

- study of reference and bibliographic systems, methods of information retrieval;
- work with electronic databases of domestic and foreign library collections;
- Statistical and mathematical processing of information;
- analysis of scientific literature using various methods of access to information:
- visiting libraries, working on the Internet;
- development of observation and modeling techniques;
- Preparation of the report and presentation presentation at the full-time conference or scientific circle;
- preparation of scientific articles on the research topic, writing an essay for the candidate's examination in the specialty;
- registration of results of the conducted research and their coordination with the scientific supervisor of the graduate student.

The result of the research practice is the presentation of the report at full-time scientific conferences; presentation with reports at the meetings of the issuing unit, meetings of the scientific school of the organization.

**5. Place and time of conducting the research practice** of the PFUR, the Department of National Economy, other institutes - organizers of scientific and practical events (conferences, round tables) in which there is a well-known school on research problems and there are qualified scientific and pedagogical staff.

It is also expected that postgraduate students will practice in libraries - the PFUR Scientific Library, the Russian State Library, etc.

If necessary, research practice assumes work in statistical bodies, relevant ministries and departments.

If necessary, foreign students can practice at home, collecting the necessary analytical and statistical material, working with sources of foreign authors on the research topic. The timing of the research practice is determined by the schedule of the educational process - in the 3rd and 4th semesters of the postgraduate study period (second year of study).

## **6. Competences of the student, formed as a result of the passage of research practice**

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

*Know:*

modern scientific achievements and new ideas in solving research and practical problems by historical methods practical tasks;

modern methods and technologies used in solving problems in domestic and foreign research practice;

- modern methods of planning research work
- normative and technical documentation for the preparation of a scientific report on the results of the study;
- in which universities and research institutes conferences can be held that correspond to the direction and theme of the postgraduate's dissertational research, as well as information on the dates and topics of ongoing conferences (forums, round tables).

*Be able to:*

- orient in the variety of theoretical and methodological approaches to the direction of research, generalize and critically evaluate the results obtained by domestic and foreign researchers;
- To substantiate the relevance, goals, objectives, novelty, theoretical and practical significance of the selected theme of scientific research;
- independently solve complex theoretical and applied problems on the basis of application of interdisciplinary approaches and methods of historical research;
- use modern methodological principles and methodological methods of historical research, the ability to independently engage in planning, organization and conduct of scientific research;
- analyze the data obtained as a result of fundamental and applied research on the direction of the postgraduate program;
- to conduct a presentation of the results of the conducted research work;
- Make an application for participation in the conference, prepare a report and presentation of the speech.

*Have skills:*

- independent implementation of research activities in the relevant professional field using modern methods research and information and communication technologies;
- use of theoretical and methodological approaches in the field of research
- generalization and critical evaluation of the results obtained by Russian and foreign scientists and practitioners;
- independent formulation and solution of complex theoretical and applied problems on the basis of application of interdisciplinary approaches and research methods;
- use of modern methodological principles and methodological methods of research;
- analysis of data obtained as a result of fundamental and applied research on the direction of the postgraduate program;
- implementation of the presentation of the results of the conducted research work;
- public speaking at face-to-face conferences, participation in discussions with conference participants on the subject of research, presentation of the report at the meetings of the issuing unit.

As a result of the practice, the graduate student develops the following **competences**:

<i>Competence:</i>	<i>Achieving results</i>	<i>Evaluation tool</i>
The ability to critically analyze and evaluate modern scientific achievements, generate new ideas for solving research and practical problems, including in interdisciplinary areas (UC-1)	mastering the methods of preparing materials for participation in the scientific conference; mastering the methods of developing and compiling scientific articles; mastering the methods of a quality dialogue with the scientific community	Self-control, interview, Individual plan for practice
Willingness to participate in the work of Russian and international research teams in solving scientific and scientific-educational problems (UC-3)	own skills in self-planning and conducting research; Formulate and solve problems arising in the course of research activities	Self-control, interview, Individual plan for practice Preparation of the application and publication of the conference abstracts
Willingness to use modern methods and technology of scientific communication in the state and foreign languages (UC-4)	select the necessary research methods, modify existing ones and develop new ones. methods, based on the objectives of a particular study; process the results, analyze them, conduct bibliographic work on the basis of modern technologies	Self-control, interview, Individual plan for practice Preparation of the application and publication of abstracts of the conference, scientific article Preparation of presentation presentation at the conference
Ability to plan and solve problems of own professional and personal development (UC-6)	mastering the methods of preparing materials for participation in the scientific conference; mastering the methods of developing and compiling scientific articles; mastering the methods of a quality dialogue with the scientific community	Self-control, interview, Individual plan for practice Preparation of the application and publication of abstracts of the conference, scientific article
The ability to independently conduct research and development activities in the relevant professional field with the use of modern research methods and information and communication technologies (GPC-1)	processing, analysis and interpretation of data obtained during the research	Publication of articles in peer-reviewed journals

Willingness to organize the work of the research team in the scientific field corresponding to the field of preparation (GPC-2)	taking part in the research work of the issuing department; taking part in publications in the co-authorship	Publication of articles in peer-reviewed journals R & D Reports
Readiness for teaching activities on educational programs of higher education (GPC-3)	acceptance of participation in the audit of the interim attestation taking part in conducting seminars	Individual plan for practice Report on teaching practice
Ability to study economic systems, their genesis, formation, development and forecasting (PC-2.1)	study of scientific and fundamental sources in the direction of research abstracting of the main research works	Individual plan for practice Publication of articles in peer-reviewed journals
Possess the skills to identify theoretical and methodological principles, methods and methods for managing these systems, as well as the most important institutional and infrastructural aspects of the development of economic systems (PC-2.2)	the development of a hypothesis, an algorithm for research methodology, the rationale for research tools	Individual plan for practice Publication of articles in peer-reviewed journals
Be able to study the state, develop and implement in practice methodological tools to improve management relations that arise in the process of formation, development (stabilization) and the destruction of economic systems (PC-2.3)	carrying out statistical calculations for carrying out analytics preparation of an abstract on the scientific specialty	Individual plan for practice Publication of articles in peer-reviewed journals

## 7. Structure and content of research practice

The total complexity of the training practice is 24 credit units, 1080 hours.

Name	Total hours	Semesters					
		1 year of study		2 year of study		3 year of study	
		1	2	3	4	5	6
Research Practice	864 / 24		108				756
Forms of intermediate certification			3 credit				21 credit

## 8. Educational, scientific research and scientific and industrial technologies used in scientific research practice

The complex of educational, research and scientific and production technologies, including various methodologies and technologies (production, financial, managerial, imitative, generating new knowledge, technologies for verifying scientific results):

- a systematic approach in which the organization where the training (teaching and learning) practice takes place, should be considered as a set of interrelated components, having an output (goal), input, connection with the external environment, feedback;
- an integrated approach, which should take into account the technical, economic, organizational, financial, social, political, cultural aspects of the organization as a whole, advertising and public relations activities, in particular;
- a dynamic approach in which the activities of the organization should be considered in dialectical development, with a retrospective analysis for three years;
- situational approach, in which the suitability of various methods of managing activities in the field of advertising and public relations is determined by the specific situation;
- an integration approach aimed at researching and strengthening the links between individual subsystems and elements of activity in the field of advertising and public relations.

In the process of research, methods such as:

- universal, or philosophical, general scientific and methods of private sciences;
- ascertaining and transforming;
- empirical and theoretical;
- qualitative and quantitative;
- meaningful and formal;
- methods for collecting empirical data, testing and refuting hypotheses and theory;
- descriptions, explanations and forecasts;
- processing of research results.

## **9. Teaching and methodological support of independent work on scientific research practice**

Control questions and tasks for conducting the current certification on the sections (stages) of practice mastered by the graduate student independently.

Teaching and methodological support of the independent work of the post-graduate student in scientific research practice are:

- educational literature on previously mastered disciplines of the profile, listed in the list of compulsory and additional literature;
- scientific literature, incl. periodic, on the subject of research and related fields;
- normative documents regulating the activity of economic entities (corresponding to the topic of the dissertation research of the graduate student).

During the research period the post-graduate student should:

- to substantiate the choice and relevance of the research topic;
- to develop a research structure;
- to collect and process scientific and statistical material in the direction of the research;
- prepare abstracts and participate in at least three full-time and correspondence conferences;
- publish at least 3 scientific articles in peer-reviewed journals;
- prepare a scientific report for attestation based on the results of each year of postgraduate study.

## **10. Educational-methodical and information support of scientific research practice**

*a) main literature:*

1. Bezuglov IG, Lebedinsky VV, Bezuglov AI Fundamentals of scientific research: a manual for graduate and undergraduate students. Moscow: Academic Project, 2008. 194 p.
2. Volkov Yu.G. Thesis. Preparation, protection, design. Практическое пособие [Электронный ресурс] - Access mode:  
[http://www.rb.asu.ru/public/uploads/1285228925\\_Volkov\\_YU.G.\\_Dissertatsiya.\\_Podgotovka,\\_Zas](http://www.rb.asu.ru/public/uploads/1285228925_Volkov_YU.G._Dissertatsiya._Podgotovka,_Zas)

hchita,\_oformlenie.\_prakticheskoe\_posobie..pdf.

3. Kuznetsov IN Dissertational work: Methods of preparation and design: Educational and methodological practice. M.: "Dashkov and Co.," 2008. 488 p.

4. Manakov MA, Moskalchuk G.G. Your first scientific work. Methodical instructions. [Electronic resource] - Access mode: - [http://www.osu.rit/docs/school/physics/first sciencework.pdf](http://www.osu.rit/docs/school/physics/first%20sciencework.pdf).

5. Mokiy M.S., Nikiforov A.L., V.S. Mokiy. Methodology of scientific research. Moscow: Yurayt, 2016. 255 p.

6. Naydenov PA Creating presentations Microsoft PowerPoint 2003 [Electronic resource] - Access mode: [www.gumer.info/bibliotek buks / science / novik / 02.php](http://www.gumer.info/bibliotek_buks/science/novik/02.php).

7. Novikov A. How to work on the dissertation. [Electronic resource] - Access mode: [www.gumer.info/bibliotek buks / science / novik / 02.php](http://www.gumer.info/bibliotek_buks/science/novik/02.php).

8. Ospanov B.R. Scientific style of speech as an aspect of teaching the language of the specialty: Textbook. allowance. Moscow; Karaganda: Publication. house of the Academy of Natural Sciences: Karaganda state. Technical University, 2013. - 105 p.

9. Ponomarev AB, Pikuleva E.A. Methodology of scientific research. P.: Publishing house of the Perm National Research Polytechnic University, 2014. 186 p.

10. Technique of personal presentation [Electronic resource] - Access mode: - [http://www.e-biblio.ru/book/bib/tehnika\\_lichnoy\\_present.pdf](http://www.e-biblio.ru/book/bib/tehnika_lichnoy_present.pdf).

b) additional literature:

1. Berezhnova EV, Krayevsky VV Fundamentals of educational and research activities: a textbook. Moscow: Academy, 2013. 124 p.

2. Reznik SD Postgraduate student of the university: the technology of scientific creativity and pedagogical activity: a textbook for training programs for the training of scientific and pedagogical staff in graduate school of higher educational institutions. M.: Infra-M, 2016. 452 p.

c) software and Internet resources:

– MS Word

– MS Excel

– MS Power Point

– Browsers

- Electronic catalog - the database of books and periodicals in the library of the PFUR.

University Library ONLINE

SPRINGER. Book collections of the publishing house

Bulletin of PFUR

East View

Universal databases: - eLibrary.ru, Cyberleninka.ru, Grebennikon, Library PressDisplay, - SwetsWise, Swets Wise online content, University of Chicago Press Journals, Books of the publishing house Alpina Publishers, Electronic library of theses of the RSL and others.

## **11. Logistics of scientific research practice**

To conduct the practice should be available specially equipped with multimedia equipment cabinets.

The possibilities of working in the PFUR Scientific Library are provided by the availability of reading rooms (Main building) in which WI-FI operates, and users have access to the Center's information resources and access to the Internet; registered IP addresses of servers in two territories of the PFUR for free access to users of the PFUR network to full-text articles from scientific journals of foreign publishers. Subscription and reading rooms are located in the humanitarian building (main building), at the engineering, environmental faculties, the faculty of humanities and social sciences, the faculty of the Russian language and general educational disciplines. Search of books and magazines is carried out by means of "Electronic catalogs": EC "Books", EC "Periodiki" and EC "Articles". EC is accessible through the Internet (the PFUR website). The issuance of

educational and scientific literature is conducted in the "Automated system of book publishing" using bar codes on publications and readers' forms.

Qualitative and quantitative characteristics of computers in display classes include: Pentium 4-1700 / 256MB / 20GB / cd / audio (21 pcs.) And Pentium 4-C2D 1860 / 1024MB / 160GBcd / audio (15 pcs.), Etc.

For carrying out the research, there is the necessary software and information support for the educational process for blocks of disciplines:

1. Humanitarian and socio-economic disciplines.

- Electronic dictionaries "Multilex" (English-Russian, Russian-English, Russian-German, German-Russian, French-Russian, Russian-French, large economic);
- Electronic translators "Socrates";
- Cambridge FCE Rom;
- Longman preparation course for TOEFL;
- Aurolog Tell Me More Rto;
- CorelDraw 10 - 12 Rus;
- Adobe CS3 design premium;
- Reference and legal system "Consultant";
- Reference and legal system "Garant".

2. General mathematical and natural science disciplines.

- Microsoft Office 2003 (Word, Excel, Access, PowerPoint, Outlook);
- MatLab;
- SPSS Base 10

3. General professional disciplines.

- 1c accounting;
- ProxyExpert 7.0;
- ArcView;
- Microsoft Encarta Interactive World Atlas 2001;
- Intalev;
- BestOffice;
- Galaktika
- Testing programs - Test Studio.

## **12. Forms of intermediate certification (on the basis of practice)**

The final certification for scientific research practice is conducted on the basis of a rating assessment. For certification, the post-graduate student should submit the text and presentation of the report, a collection of conference materials, a report on the practice (in writing), a review of the supervisor.

The report on scientific research practice is evaluated by the postgraduate scientific supervisor on the basis of such criteria as the degree of implementation of the program's practices and the individual task plan; the level of mastering the established general cultural and professional competencies, the qualitative implementation of a written report on the results of practice; results of oral protection of the report on scientific research practice.

The report on research practice should have the following structure:

- Introduction (justification of relevance, formulation of goals, objectives, hypotheses, object and subject of research)
- the main content (description of the work performed and the timing of their implementation, description of the results of the study), conclusion (assessment of the level of research conducted, recommendations for overcoming the problems arising during the research process),
- conclusion (assessment of the possibility of incorporating the results of scientific research in writing the final qualification work).



A separate plan of the post-graduate student, reprints of publications in scientific journals and theses of scientific and practical conferences, samples of documents (for example, research reports) compiled by the post-graduate student, as well as a review of the supervisor about the post-graduate's work in the period practice with the recommended assessment. The results of the research practice are approved at the meeting of the graduating subdivision (department) with the certification of the graduate student for the corresponding year of study.

### 13. The Fund of Evaluation Means for Intermediate Attestation of Students in Practice

<i>Stages of practice</i>	<i>Competencies</i>	<i>Forms of assessment</i>
Preparatory stage	UC-1, UC-3, UC-4, UC-6, OPIK-1	Oral report Forming a bibliographic list
The main stage (research work)	UC-4, UC-6, GPC-1, GPC-2, GPC-3, PC-2.1, PC-2.2, PC-2.3	Oral report Presentation at the conference Writing a report and its presentation in the process of annual certification
The final stage (preparation of a scientific report on the theme of the dissertation research (presentation with him at a scientific conference) and a report on practice)	UC-4, UC -6, GPC-1, GPC-2, GPC-3, PC-2.1, PC-2.2, PC-2.3	Presentation at the conference Preparation of the abstract for the candidate examination in the specialty Protecting the practice report

Rating system for assessing students' knowledge:

<i>Number of credits</i>	<i>Evaluation</i>	<i>Unsatisfactory</i>		<i>Satisfactorily</i>		<i>Good</i>	<i>Excellent</i>	
	Evaluation ECTS	F 2	FX 2+	E 3	D 3+	C 4	B 5	A 5+
24	Number of points	less 30	31-50	51-60	61-68	69-85	86-94	95-100

Estimates are made taking into account the following aspects:

Evaluation	Evaluation Criteria
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<p>A 5+ (<i>Excellent</i>)</p>	<p>demonstrated a high level of solving the problems envisaged by the program of practice, which was reflected in the recall of the practice leader from the graduating department  the correspondence of the report materials to the content of the practice, and the result obtained - to the task completion of the task in full  demonstration of the ability to correctly and logically justify the relevance, theoretical and practical significance of the selected topic of scientific research  demonstration of the ability to conduct independent research in accordance with the developed program  demonstrating the ability to present the results of a study as a scientific report, article or report  demonstration of the ability to independently develop a choice of technology research  demonstration of the ability to freely join the work of the collective and jointly participate in the achievement of common goals</p>
<p>B 5 (<i>Excellent</i>)</p>	<p>demonstrated a high level of solving the problems envisaged by the program of practice, which was reflected in the recall of the practice leader from the graduating department  the correspondence of the report materials to the content of the practice, and the result obtained - to the task completion of the task in full  demonstration of the ability to correctly and logically justify the relevance, theoretical and practical significance of the selected topic of scientific research  demonstration of the ability to conduct independent research in accordance with the developed program  demonstrating the ability to present the results of a study as a scientific report, article or report  lack of demonstration of the ability to freely join the work of the collective and jointly participate in the achievement of common goals  not fully demonstrating the ability to independently develop a choice of technology research</p>
<p>C 4 (<i>Good</i>)</p>	<p>free orientation in the main methods of scientific research work  active work throughout the practice  providing improved techniques  a good orientation in the modern research area of the profile of training  not fully demonstrating the ability to independently develop a choice of technology research  the comments of the supervisor in the response to the report with the recommended rating "satisfactory" or "good"</p>
<p>D 3+ (<i>Satisfactorily</i>)</p>	<p>incomplete conformity of the obtained results with the task on practice  presentation of incomplete set of practice documents  availability of comments from the supervisor  violation of the deadline for submission of a report</p>

E 3 ( <i>Satisfactorily</i> )	substantial correspondence of the results to the assignment on practice presentation of incomplete set of practice documents the presence of serious remarks by the supervisor violation of the deadline for submission of a report revealing the complexity of the post-graduate in formulating the results of the research
FX 2+ ( <i>Unsatisfactory</i> )	the absence of the solution of the tasks stipulated by the program of practice, which was reflected in the recall of the supervisor failure to complete the assignment by a graduate student inconsistency of the result obtained in the course of the practice, the task lack of demonstration of the ability to provide research results, identify topical research problems lack of ability to conduct research in accordance with the program of practice
F 2 ( <i>Unsatisfactory</i> )	lack of ability to conduct research in accordance with the program of practice lack of ability to compile a bibliographic catalog, process material on research problems the lack of ability to present the results of the study in the form of a report, article and reports

The program is compiled in accordance with the requirements GS HE PFUR / FSGS HE.

***Developer:***

Doctor of Economics, Professor



Zh.G.Golodova

***Head of the Department of National Economy:*** Doctor of Economics, Professor



Yu.N.Moseykin