

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

**Faculty of Economics**

**PROGRAM**  
**of**  
**«Scientific-research practice»**

**Recommended for the specialty: 38.06.01. Economy**

**Program profile: 08.00.14. World Economy**

**Qualification (degree) graduate: Researcher. Lecturer-researcher**

## **1. The aims of practice**

The purpose of the research practice is to expand and consolidate the theoretical knowledge obtained by graduate students in the process of mastering theoretical disciplines and independent scientific research, the formation of general professional and professional competencies in accordance with the PFUR ES, the acquisition of practical skills in research and the organization of scientific research, the actual material for the preparation of the thesis for the degree of Candidate of Economic Sciences

## **2. The objectives of practice**

The objectives of the scientific research practice are:

- development of a complex of skills for the implementation of scientific research for the preparation of a dissertation;
- formation of skills in the preparation of scientific theses, articles, monographs and other scientific publications for collections of conferences, journals recommended by the Higher Attestation Commission, Scopus, Web of Science and others;
- formation of skills of performances at scientific conferences with presentation of research materials, participation in scientific discussions;
- formation of skills for conducting independent research in accordance with the developed program;
- formation of skills for presenting the results of the research conducted in the form of an article or a report;
- formation of skills to popularize publications and increase the citation index in the Internet on profile sites.

## **3. The place of scientific research practice in the structure of the ES HE:**

Scientific research practice refers to the mandatory component of the variable part of the program in the direction of 38.06.01 "Economics", specialty 08.00.14 "World economy".

The disciplines that precede the passage of scientific research practice are "World economy", "Foreign Economic Security", "Integration Processes in World Economy".

The content of the practice serves as a basis for performing research and writing a dissertation for the degree of candidate of science, as well as for forming professional competence in the field of professional education.

## **4. The forms of scientific research practice is extracurricular.**

Forms and content of scientific research practice:

- study of reference and bibliographic systems, methods of information retrieval.
- work with bibliographic directories, compilation of scientific and bibliographic lists, use of bibliographic description in scientific works.
- work with electronic databases of domestic and foreign library collections;
- work with the empirical base of the research in accordance with the chosen topic of the thesis for obtaining the scientific degree of candidate of economic sciences (drawing up a program and an empirical research plan, setting and formulating the tasks of empirical research, determining the object of empirical research, choosing the methodology of empirical research, studying methods of collecting and analyzing empirical data);
- conducting statistical and sociological studies related to the theme of graduate qualification work of the graduate student;
- mastering the methods of questioning and interviewing (compiling a questionnaire, interviewing, analyzing and summarizing the results);
- mastering the techniques of observation, experimentation and modeling;
- consideration of questions on the topic of the thesis;
- preparation of arguments for scientific discussion, including public discussion;

- generalization and preparation of the research results of the post-graduate student for the continuation of scientific research within the system of postgraduate education.

### **5. Place and time of conducting the scientific research practice.**

Research practice is conducted at the Department of International Economic Relations of the Peoples' Friendship University of Russia and other structural subdivisions of the university, in the scientific library of the PFUR, other scientific libraries, and also involves the use of electronic databases, information and reference systems. Scientific research practice can be conducted at other bases by agreement: organizations, enterprises and institutions conducting economic and scientific research activities, where it is possible to study and collect materials related to the execution of the dissertation. Bases of scientific research practice should meet the following basic requirements: to correspond to the profile of the preparation of the graduate student, to have qualified personnel for the management of scientific research practice.

### **6. Competences of the graduate students, formed as a result of scientific research practice.**

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

*To know:*

- ways to analyze available information;
- methodology, specific methods and techniques of research work using modern computer technologies;
- essence of information technology;
- methodology, specific methods of organizing the work of research teams;
- principles and methods for modeling organizational processes and ways to assess the correctness of the developed models;
- normative and technical documentation for the preparation of a scientific report on the results of the study;
- the main scientific conferences and scientific journals, where the results of the dissertation research of the graduate student on the problems of the dissertation research can be presented.

*To be able to:*

- set the task and perform scientific research in solving specific problems in the direction of training using modern equipment and computer facilities;
- apply theoretical knowledge on methods of collecting, storing, processing and transmitting information using modern computer technologies;
- present the results of the conducted research in the form of a scientific report;
- apply theoretical knowledge on methods of collection, storage, processing and transmission of information using modern technologies;
- prepare an application for participation in the conference, the text of the report and slides for the presentation, develop and compile a scientific article on the requirements of relevant scientific journals.

*To be able to use:*

- methods of independent analysis of available information;
- practical skills and knowledge of the use of modern computer technologies in scientific research;
- modern computer technologies for the collection and analysis of scientific information;
- writing skills of written texts (abstracts, reports, articles, etc.), designed in accordance with the requirements;
- skills in presenting research results at scientific seminars and conferences with the use of modern technical means, skills of speaking at a full-time scientific conference with a report and participation in scientific discussions;
- skills of interaction with specialized scientific journals and publication of research results in them, increasing the level of citation of publications.

As a result of scientific research practice the graduate student is mastering the following *competences*:

Competence (indicated in accordance with the PFUR ES)	Descriptors - the main signs of development (indicators of achievement of the result)	Forms and methods of teaching that contribute to the formation and development of competence
<b>Universal Competences</b>		
The ability to critically analyze and evaluate current scientific achievements, generate new ideas for solving research and practical problems, those of in the interdisciplinary areas (UC-1)	Mastering the methods of preparation of the materials for participation in the scientific conferences. Mastering the methods of developing and compiling of scientific articles. Mastering the methods of a qualitative dialogue with the scientific community.	Preparation of the application for participation in the conference, the text of the report and slides for presentation. Speech at the conference with a report, providing answers to the participants' questions. Development and publication of a scientific article in a profile scientific journal.
The willingness to participate in the work of Russian and international research teams in solving scientific and scientific-educational problems (UC-3)	Mastering the methods of preparing the materials for participation in the scientific conferences. Mastering the methods of developing and compiling of scientific articles. Mastering the methods of a qualitative dialogue with the scientific community.	Preparation of the application for participation in the conference, the text of the report (in Russian or in English) and slides for presentation. Speech at the conference with a report, providing answers to the participants' questions. Development and publication of a scientific article in a profile scientific journal (in Russian and English). Promotion of the article in the Internet, increase in the level of citation.
The readiness to use modern methods and technologies of scientific communication in Russian and foreign languages (UC-4)	Mastering the methods of preparing the materials for participation in the scientific conferences. Mastering the methods of developing and compiling of scientific articles. Mastering the methods of a qualitative dialogue with the scientific community.	Preparation of the application for participation in the conference, the text of the report (in Russian or in English), slides for presentation. Speech at the conference with a report, answers to participants' questions (in Russian or English). Development and publication of a scientific article in a profile scientific journal (in Russian and English). Promotion of the article in the Internet, increase in the level of citation.
The ability to plan and solve problems of their own professional and personal development (UC-6)	Mastering the methods of preparing the materials for participation in the scientific conferences. Mastering the methods of developing and compiling of scientific articles. Mastering the methods of a qualitative dialogue with the scientific community.	Preparation of the application for participation in the conference, the text of the report, slides for presentation. Speech at the conference with a report, answers to participants' questions. Development and publication of a scientific article in a profile scientific journal. Promotion of the article on the Internet, increase in the level of citation.
<b>General Professional Competences</b>		
The ability to	Mastering the methods of	Preparation of the application for

independently carry out research activities in the relevant professional field using modern research methods and information and communication technologies (GPC-1)	preparing the materials for participation in the scientific conferences. Mastering the methods of developing and compiling of scientific articles.	participation in the conference, the text of the report, slides for presentation. Speech at the conference with a report, answers to participants' questions. Development and publication of a scientific article in a profile scientific journal. Promotion of the article on the Internet, increase in the level of citation.
The readiness to organize the work of the research team in the scientific field corresponding to the specialty (GPC-2)	Mastering the methods of preparing the materials for participation in the scientific conferences. Mastering the methods of developing and compiling of scientific articles. Mastering the methods of a qualitative dialogue with the scientific community.	Preparation of the application for participation in the conference, the text of the report (in Russian or in English), slides for presentation. Speech at the conference with a report, answers to participants' questions. Development and publication of a scientific article in a profile scientific journal. Promotion of the article on the Internet, increase in the level of citation.
The readiness for teaching activities on educational programs of higher education level (GPC-3)	Mastering the methods of studying the scientific theoretical and methodological materials, and the methods of systematization and generalization of studied information	Conducting master classes for undergraduate and graduate students in the direction of research. Development of lectures, assignments for seminars, case studies, etc. for the educational process on the topic of scientific research. Scientific report at the department. Development and publication of articles, development of reports and presentations at conferences.
<b>Professional Competences</b>		
The ability to study modern problems of the world economy, the patterns of internationalization and globalization of economic relations, mechanisms for their regulation at the national, regional and global levels (PC-5.1)	Mastering the methods of preparing the materials for participation in the scientific conferences. Mastering the methods of developing and compiling of scientific articles.	Preparation of the application for participation in the conference, the text of the report (in Russian or in English), slides for presentation. Speech at the conference with a report, answers to participants' questions. Development and publication of a scientific article in a profile scientific journal (in Russian and English). Promotion of the article on the Internet, tracking the level of citation.
The skills in the development and implementation of theory and methodology in the areas of internationalization and globalization of economic relations, as well as mechanisms for their regulation at the national,	Mastering the methods of preparing the materials for participation in the scientific conferences. Mastering the methods of developing and compiling of scientific articles.	Preparation of the application for participation in the conference, the text of the report (in Russian or in English), slides for presentation. Speech at the conference with a report, answers to participants' questions. Development and publication of a scientific article in a profile scientific journal (in Russian and English). Promotion of the article on the Internet,

regional and global levels (PC-5.2)		tracking the level of citation.
The ability to develop scientific ideas about the production, trade, monetary, social, scientific, technical, environmental and other aspects of the world economic processes and subjects of these processes - transnational corporations, state structures, international governmental and non-governmental organizations that ensure the functioning of the world economy as a whole system (PC-5.3).	Mastering the methods of presentation of the reports at a scientific conferences. Mastering the methods of developing and compiling of scientific articles. Mastering the methods of a qualitative dialogue with the scientific community.	Preparation of the application for participation in the conference, the text of the report (in Russian or in English), slides for presentation. Speech at the conference with a report, answers to participants' questions. Development and publication of a scientific article in a profile scientific journal (in Russian and English). Promotion of the article in the Internet, tracking the level of citation.

## 7. Structure and content of research practice

The total workload of scientific research is 24 credits, 864 academic hours.

№ п/п	Sections (stages) of practice	Kinds of educational work in practice, including independent work and workload (in hours)			Forms of monitoring
		Lecture	Seminars	Individual study of postgraduates	
1	The preparatory stage			60	pass
2	The main stage (research work)			700	pass
3	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			104	pass

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

The set of methods of scientific research includes logical, historical and evolutionary methods, methods of comparative analysis, deduction, induction, statistical and econometric methods, and other methods of science. As the basic educational technologies the methodology of preparation and publication of scientific articles under the supervision of the scientific consultant, preparation for participation in scientific conferences, development and protection of scientific reports on the topic of dissertational research are used.

## 9. Teaching and methodological support of individual work in scientific research practice

Questions and tasks for conducting the intermediate and final attestation on the sections (stages) of practice mastered by the graduate student independently.

1. Choice and substantiation of the topic of dissertational research.
2. Drawing up a plan for the dissertation research and determining its main ideas.

3. Collection and processing of materials for the first and second chapter of the study.
4. Collection and processing of materials necessary for the preparation of a scientific report at conferences, its presentation and discussion.
5. Collection and processing of materials necessary for the compilation and publication of a scientific article.
6. Publication of at least three scientific articles in peer-reviewed publications recommended by the High Attestation Commission of Russian Federation.
7. Scientific report on the topic of dissertation research in the third year of postgraduate study.

## **10. Curricular, methodical and information support of educational practice**

### *a) key literature:*

1. Volgina N.A., International Economics: a textbook for high schools. – 2nd ed., - Moscow: International Relations, 2012.
2. Dumoulin I.I., International trade: economics, politics, practice. - Moscow: VAVT, 2010.
3. World economy and international economic relations: a textbook / ed. prof. A.S. Bulatov, prof. N.N. Liventsev. – M.: INFRA-M, 2012.
4. Ryazantsev S.V., Tkachenko M.F., The world labor market and international migration / M., Economics, 2010.
5. Fedyakina L.N., International Finance: a textbook for universities. - 2nd ed., - Moscow: International Relations, 2012.
6. Fedyakina L.N. International Economic Relations: a textbook for universities, Yurayt, 2015.
7. Shkvarya L.V., International economic integration: a textbook for universities, - M.: Infra-M, 2011.

### *b) additional literature:*

8. The scientific journal “World Economy and International Economic Relations”;
9. The scientific journal “Russian Foreign Economic Journal”;
10. The scientific journal “Bulletin of the Russian University of Friendship of Peoples. Series of Economics”;
11. The scientific journal “Bulletin of the Russian University of Friendship of Peoples. Series of International Relations”;
12. Other Russian and foreign scientific journals on the profile of the world economy and international economic relations.

### *c) electronic and Internet resources:*

13. For successful completion of the practice, the graduate student uses the following software tools:

- MS Word, MS Excel, MS Power Point;
- Browsers;
- Internet resources (websites of scientific journals, databases and citation bases).

14. Materials are recommended on official websites of international and regional economic organizations, Russian and foreign authorities;

### *d) databases, information and reference systems and search systems:*

15. Databases of People’s Friendship University of Russia (PFUR):

- Electronic catalog - the database of books and periodicals in the library of the PFUR;
- Electronic resources - including the section: Licensed resources of scientific library of PFUR: University Library ONLINE

SPRINGER. Book collections of the publishing house

Bulletin of PFUR

East View

16. Universal databases

- eLibrary.ru;
- Cyberleninka.ru;
- Grebennikon;

- Library Press Display;
- Swets Wise;
- Swets Wise online content;
- University of Chicago Press Journals;
- Books by the publishing house “Alpina Publishers”;
- Digital library of theses of the Russian State Library (RSL)
- Others.

### 11. Material and technical support of scientific research practice

Auditory fund, computer equipment and multimedia facilities of the Economics Department of the PFUR, workstations equipped with computer equipment and electronic databases of the Scientific Library of PFUR.

№	Name of equipped classrooms, facilities for practical classes with a list of basic equipment and / or software	Actual address of classrooms and objects
1.	Reading hall of Scientific Library of PFUR Working place: computer P4 C2D /2550 MHz/2048 MB/ 250 GB/DVD±RW/ LCD monitor 17" Microsoft Office 2007	Mikloukho-Maclay St., 6, library, reading hall
2.	Classroom 101 Multimedia projector - 2 units, sound tribune - 1 unit, screen -2 units.	Mikloukho-Maclay St., 6, r.101
3.	Classroom 103 Multimedia projector - 1 unit, screen -1 unit.	Mikloukho-Maclay St., 6, r.103
4.	Classroom 105 Multimedia projector - 1 unit, screen -1 unit.	Mikloukho-Maclay St., 6, r.105
5.	Classroom 107 Multimedia projector - 1 unit, screen -1 unit.	Mikloukho-Maclay St., 6, r.107
6.	Classroom 109 Multimedia projector - 1 unit, conference equipment, DVD- recorder, sound equipment, screen - 1 unit.	Mikloukho-Maclay St., 6, r.109
7.	Classroom 17 Multimedia projector - 2 units, sound tribune - 1 unit, screen -2 units.	Mikloukho-Maclay St., 6, r.17
8.	Classroom 27 Multimedia projector - 1 unit, screen -1 unit.	Mikloukho-Maclay St., 6, r.27
9.	Conference hall of Economic faculty Multimedia projector - 1 unit, sound equipment	Mikloukho-Maclay St., 6, conference hall of Economic faculty
10.	The department of International economic relations Working place: computer P4 C2D /2550 MHz/2048 MB/ 250 GB/DVD±RW/ LCD monitor 17" Microsoft Office 2007	Mikloukho-Maclay St., 6, r.114-116

### 12. Forms of attestation (as a result of practice)

The final attestation for scientific research practice is carried out in the form of a grading pass. A grading pass (pass with an assessment) as the result of scientific and pedagogical practice is exposed if the text and presentation of the scientific report are presented at a meeting of the department, at least three articles are published in peer-reviewed journals recommended by the HAC, and a report on practice is provided in a prescribed form.

The report on research practice should have the following structure:

- introduction (justification of the relevance of the research topic, goals and objectives of the study, the object and subject of research, methodological and information support of the research);
- the main part (the sequence of passing the research practice, the characteristics of the organizational units that provided the practice base, a brief description of the work performed and the timing of the work, a description of the conducted scientific and practical research, including the direction and forms of practice, description of implemented methods, characteristics of the results of practice (but also in form of text, tables, graphs, schemes, etc.);
- conclusion (assessment of the completeness of the solution of tasks, assessment of the level of conducted scientific and practical research, recommendations for overcoming the problems that emerged during the practice and conducting scientific and practical research, assessment of the possibility of using the results of scientific and practical research in the research work and graduation qualification work of the graduate student).

The following materials and documents are attached to the practice report: an individual practice plan; materials collected and analyzed during the practice (bibliographic list on the topic of the dissertation, the results of the analysis of the object and the subject of the study, the text of the prepared scientific report on the topic of the dissertation); documents that contain information about the results of the work of the student during the period of scientific research (texts of articles or scientific reports prepared by the graduate student on materials collected in practice); the scientific adviser's remarks about the post-graduate's work during the practice period with the recommended grade.

### 3. The fund of assessment tool for intermediate attestation of post graduate students in research practice

Stages of practice, formed competencies and forms of assessment.

Stages of practice	Competencies	Forms of assessment
Preparatory stage	UC-1, UC-3, UC-4, UC-6, GPC-1	Oral report.
The main stage (research work)	PC-5.1, PC-5.2, PC-5.3, GPC-1, GPC-2, GPC-3, UC-1, UC-3, UC-4, UC-6	Oral report. Presentation at the conference. Publication of at least one article in the journal, recommended by HAC.
The final stage (preparation of a scientific report on the theme of the dissertation research (presentation at a scientific conference) and a report on practice)	PC-5.1, PC-5.2, PC-5.3, GPC-1, GPC-2, GPC-3, UC-1, UC-3, UC-4, UC-6	Oral report. Speech with a scientific report in the department meeting on the topic of dissertational research. The publication of at least two articles in the journals recommended by HAC.

For assessing the knowledge and for the attestation of post-graduate students, the following credit system is used.

Points of rating system	Traditional grades in Russia	Points	Grades	Grades of ECTS
86 - 100	5	95 - 100	5+	A
		86 - 94	5	B
69 - 85	4	69 - 85	4	C
51 - 68	3	61 - 68	3+	D
		51 - 60	3	E

0 - 50	2	31 - 50	2+	FX
		0 - 30	2	F

Criteria for assessing knowledge, skills and competencies obtained in the research practice:

“Excellent” – post-graduate student answered all questions, as well as additional questions from the scientific consultant and the professors of the department; freely oriented in the main methods of scientific research; actively worked throughout the practice; provided original schemes, techniques; demonstrated the ability to think logically and to solve problems creatively; understood the modern research issues in the profile of training, has a response of the scientific consultant for the report with grades “good” or “excellent”;

“Good” – post-graduate student answered all questions, as well as some additional questions from the scientific consultant and the professors of the department; freely oriented in the main methods of scientific research; actively worked throughout the practice; provided advanced schemes, techniques; was well versed in modern research issues in the profile of training, has a response of the scientific consultant with grades “satisfactory” or “good”;

“Satisfactory” – post-graduate answered questions with varying degrees of completeness, and also tried to give correct answers to some additional questions of the scientific consultant and professors of the department; had an idea and the basics of research work; had an idea of modern research problems in the field of training; has a positive opinion of the scientific consultant;

“Unsatisfactory” – post graduate student couldn’t answer questions, including additional ones; did not know the basic terms, did not work during the semester; has a negative response to the report of the scientific consultant.

The post-graduate student who has received the FX assessment in the field of scientific research practice is obliged, after consultation with the relevant professor, within the time frame set by the academic performance authorities, to successfully complete the required minimum volume of educational work provided by the training program, and present the results of these studies to this scientific consultant. If the quality of work is found to be satisfactory, the final evaluation of FX is increased to E and the post graduate student is allowed to further study. If the quality of the scientific research work remains unsatisfactory, the final score is reduced to F and the student is presented to the deduction. If an F or FX score is obtained, the graduate student is presented to the deduction, regardless of whether he has any other debts in other disciplines.

The results of scientific research practice are approved at the meeting of the department during the attestation of graduate students. Extract from the decision of the department meeting with the sign of the head of the department is submitted to the postgraduate department.

The program is compiled in accordance with the requirements of the ES HE PFUR / FSES.

**Developer:**

PhD, associate professor of the International economic relations department



Nataliya V. Dyuzheva

**Supervisor of the program:**

doctor of science, professor of the International economic relations department



Nikolay P. Gusakov

**Head of Department**

of International economic relations  
doctor of science, professor



Nikolay P. Gusakov