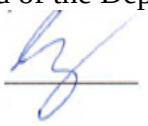
Federal State Autonomous Educational Institution Higher Education
"Peoples' Friendship University Russia"
Graduate School of Industrial Policy and Entrepreneurship

APPROVED BY
at the meeting of the department
August 28, 2021, minutes No. 1
Head of the Department



A.A. Chursin

**PROGRAM**
**RESEARCH PRACTICE**

Name of educational practice Research

Recommended for training specialty

38.06.01 Economics

Program
focusprofile

Innovation
management

Full-time education

Qualification of graduate
teacher- researcher

## 1. Objectives of practice

The goals of research practice are to expand and consolidate the theoretical and practical knowledge gained by graduate students in the learning process, the formation of competencies in accordance with the OSRM.

## 2. Objectives of practice

The objectives of the practice are:

- development of a set of skills for the implementation of scientific research to prepare a dissertation;
- formation of speaking skills at scientific conferences with the presentation of research materials, participation in scientific discussions;
- the formation of the skill of conducting independent research in accordance with the developed program;
- the formation of the skill of presenting the results of the study in the form of an article, a report.

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

Research practice refers to the compulsory component of the educational program in the direction 38.06.01 "Economics", profile Innovation Management.
The disciplines for which the passage of this practice is necessary as the previous ones are "Innovation Management", "Assessment of the innovative potential of economic systems " , "Development of a methodology for managing the quality and competitiveness of innovative projects", " Ensuring a balanced development of innovative and investment activities of economic systems", " Meto long research ", " Modern economic theory "

## 4. Forms of research practice:

Research practice is organized in the following forms:

- The study of reference and bibliographic systems, information retrieval methods.
- Acquiring skills to work with bibliographic directories, compiling scientific bibliographic lists, using bibliographic descriptions in scientific works.
- Work with electronic databases of domestic and foreign library collections.
- Work with the empirical research base in accordance with the chosen topic of the dissertation for the degree of candidate of economic sciences (drawing up a program and plan for empirical research, setting and formulating problems of empirical research, determining the object of empirical research, choosing the methods of empirical research, studying methods of collecting and analyzing empirical data )

□

- Conducting statistical and sociological studies related to the topic of graduate work of the graduate student.

- Mastering the methods of questioning and interviewing (preparation of a questionnaire, survey, analysis and synthesis of results).

- Mastering observation, experiment and modeling techniques.
- Consideration of questions on the topic of the dissertation.
- Preparation of arguments for a scientific discussion, including public discussion.

- Summarizing and preparing the results of research activities of a graduate student to continue research in the framework of the postgraduate education system

**5. Place and time of the research practice:**

RUDN Library Hall, Department of Applied Economics , other practice bases equipped with special capabilities for the implementation of analytical activities.

**6. The competencies of the student, formed as a result of training**

As a result of passing this educational practice, the student must acquire the following practical skills, abilities, universal and professional competencies:

- in the field of scientific research for the preparation of a dissertation;
- speeches at scientific conferences, participation in scientific discussions;
- conducting independent research in accordance with the developed program; presenting the results of the study in the form of an article, a report.

| Competence | Result in the process of implementation of acquired competencies |
|---|---|
| Ability to critically analyze and evaluate modern scientific achievements, generate new ideas in solving research and practical problems, including in interdisciplinary fields . (UK-1)<br>Willingness to participate in the work of Russian and international research teams in solving scientific, scientific and educational problems (UK-3) | Acquisition of skills in preparing materials for participation in a scientific conference, development and preparation of scientific articles.<br>Preparation of applications for participation in the conference, report text, slides for presentation.<br>Speech at the conference with a report, answers to questions from participants.<br>Development and publication of a scientific article in a specialized scientific journal.<br>Acquisition of skills in preparing materials for participation in a scientific conference, development and preparation of scientific articles.<br>Preparation of applications for participation in the conference, report text, slides for presentation.<br>Speech at the conference with a report, answers to questions from participants.<br>Development and publication of a scientific article in a specialized scientific journal (in Russian |

| | |
|---|---|
| | and English).<br>Promotion of articles on the Internet, increasing the level of citation. |
| Willingness to use modern methods and technologies of scientific communication in the state and foreign languages , including willingness to communicate verbally and in writing in Russian and foreign languages for solving professional tasks, possession of communicative foreign language competence in official business, educational, professional, scientific , sociocultural, everyday life spheres of foreign communication<br>(UK-4) | P riobretenie skills training materials for participation in the conference, the development and preparation of scientific articles.<br>Preparation of applications for participation in the conference, report text, slides for presentation.<br>Speech at the conference with a report, answers to questions from participants.<br>Ra zrabotka and publication of scientific articles in specialized scientific journal (in Russian and English).<br>Advancing articles to network inter no increase in the level of quoting. |
| The ability to plan and solve problems with personal professional and personal development (UK-6) | P riobretenie materials preparation skills for participation in scientific conferences, the development of compilation of scientific articles.<br>Preparation of applications for participation in the conference, report text, slides for presentation.<br>Speech at the conference with a report, answers to questions from participants.<br>Development and of publishing scientific articles in n rofilnom scientific journal (in Russian and English).<br>Promotion of articles on the Internet, increasing the level of citation. |
| The ability to independently carry out research activities in the relevant professional field using modern research methods and information and communication technologies (OPK-1) | Acquisition of skills in preparing materials for participation in a scientific conference, development and preparation of scientific articles.<br>Preparation of application for participation in the conference, report text, slides for presentation.<br>Speech at the conference with a report, answers to questions from participants.<br>Development and publication of a scientific article in a specialized scientific journal (in Russian and English).<br>Promotion of articles on the Internet, increasing the level of citation. |

| | |
|---|---|
| Willingness to organize the work of the research team in the scientific field corresponding to the direction of training (OPK-2) | Acquisition of skills in preparing materials for participation in a scientific conference, development and preparation of scientific articles.<br>Preparation of applications for participation in the conference, report text, slides for presentation.<br>Speech at the conference with a report, answers to<br>questions from participants.<br>Development and publication of a scientific article in a specialized scientific journal (in Russian and English).<br>Promotion of articles on the Internet, increasing the level of citation. |
| the ability to study contemporary problems of the world economy, the patterns of internationalization of globalization (PC- 1) | Acquisition of skills in preparing materials for participation in a scientific conference, development and preparation of scientific articles.<br>Preparation of an application for participation in the conference, report text, slides for presentation.<br>Speech at the conference with a report, answers to questions from participants.<br>Development and publication of a scientific article in a specialized scientific journal (in Russian and English).<br>Promotion of articles on the Internet, increasing the level of citation. |
| 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, regional and global levels (PC-2) | Acquisition of skills in preparing materials for participation in a scientific conference, development and preparation of scientific articles.<br>Preparation of applications for participation in the conference, report text, slides for presentation.<br>Speech at the conference with a report, answers to questions from participants.<br>Development and publication of a scientific article in a specialized scientific journal (in Russian and English).<br>Promotion of articles on the Internet, increasing the level of citation. |
| the ability to develop scientific ideas about production, trade, monetary, financial, social, scientific, technical, environmental and other aspects of world economic processes and the subjects of these processes - transnational corporations, government agencies, international governmental and non-governmental organizations that ensure the functioning of | Acquisition of skills in preparing materials for participation in a scientific conference, development and preparation of scientific articles.<br>Preparation of applications for participation in the conference, report text, slides for presentation.<br>Speech at the conference with a report, answers to questions from participants.<br>Development publication of a scientific article in a specialized scientific journal (in Russian and |

| | |
|---|---|
| the ability to develop scientific ideas about production, trade, monetary, financial, social, scientific, technical, environmental and other aspects of world economic processes and the subjects of these processes - transnational corporations, government agencies, international governmental and non-governmental organizations that ensure the functioning of the world economy as an integrated system (PC-3) | Acquisition of skills in preparing materials for participation in a scientific conference, development and preparation of scientific articles.<br>Preparation of applications for participation in the conference, report text, slides for presentation.<br>Speech at the conference with a report, answers to questions from participants.<br>Development publication of a scientific article in a specialized scientific journal (in Russian and English).<br>Promotion of articles on the Internet, increasing the level of citation. |

## 7. The structure and content of educational practice

The total complexity of educational practice is 18 credits , 648 hours.

| Name | Total hours / ZE | Semesters | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 year of study | | 2 year learning | | 3 year learning | |
| | | one | 2 | 3 | four | 5 | 6 |
| Scientific - research practice | 648/18 | | 3/108 | 3/108 | 3/108 | 9/324 | |
| form of control | offset | | offset | offset | offset | offset | |

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

A complex of educational, research and scientific and production technologies, including various methodologies and technologies (financial, managerial, imitation, generating new knowledge, technologies for verifying scientific results).

1. Study and systematization of scientific, normative and professional literature, including using electronic library resources of RUDN University and the Internet;

2. Collection, processing, analysis and systematization of the source data necessary for calculating financial and economic indicators in accordance with the chosen research topic using modern methods of information processing;

3. The use of specialized computer programs for the analysis of assessed indicators

## 9. Educational and methodological support of independent work on the scientific research practice

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

1. Selection and justification of the topic of dissertation research.
2. Drawing up a plan of dissertation research and determination of its main ideas.
3. Collection and processing of materials for the first and second

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 papers in reviewed in proxy journals recommended by HAC.

7. Scientific report on the topic of dissertation research at the end of the second or at the beginning of the third year of graduate school.
8. Collection and processing of materials necessary for the preparation of a scientific report at conferences, its presentation and discussion,
9. Collection and processing of materials necessary for the compilation and publication of a scientific article.
10. Publication of at least three scientific articles in peer-reviewed publications recommended by the Higher Attestation Commission.
11. Scientific report on the topic of dissertation research at the end of the second or at the beginning of the third of his year of postgraduate study

**10. Educational-methodical and informational support of educational practice**

a) main literature:


1. Avsyannikov N.M. Innovation Management: Textbook / N.M. Avsyannikov. - 2nd ed., Rev. and add. - M.: Publishing House of the RUDN University, 2011 .-- 189 p.
2. Antropov M.S. Knowledge, creativity and innovation management in multinational organizations [Text / electronic resource]: Textbook / M.S. Antropov. - M.: Publishing House of the RUDN University, 2008 .-- 190 p. Bogomolova, A.V. Innovation Management: a training manual / A.V. Bogomolov; Ministry of Education and Science of the Russian Federation, Tomsk State University of Control Systems and Radioelectronics (TUSUR). - 2nd ed., Ext. - Tomsk: El Content, 2015 .-- 144 p. : schemes. - Bibliography: p. 134-135. - ISBN 978-5-4332-0243-6; The same [Electronic resource]. - URL: http://biblioclub.ru/index.php?page=book&id=480596 (01/21/2018).
3. Baldin, K. V. Risk management in the innovation and investment activity of an enterprise: textbook. allowance / K.V. Baldin, I.I. Perederayev, R.S. Golov. - 2nd ed. - M .: Dashkov and K`, 2012 .-- 418 p.
4. Barancheev V.P., Maslennikova N.P., Mishin V.M. Innovation management. - M.: Yurait-Publishing House, 2012.
5. Innovation and project management. Tutorial. - Rostov-on-Don: Publishing House of SFU, 2014 .-- 181 p.
6. Pervushin V. Practice of managing innovative projects / Publisher: RANEPA, 2016.
7. Oslo Guide. Guidelines for Collecting and Analyzing Innovation Data / Third Edition. Joint publication of the OECD and Eurostat. Translation into Russian, second edition revised. Moscow, 2010. OEDS.
8. Management of the innovation system of the organization: study guide / E.N. Vetrova, N.N. Tikhomirov. - SPb .: Publishing house of SPbGEU, 2017 .-- 78 p.
9. Fathutdinov R.A. Innovation Management. - St. Petersburg: Peter, 2012 .-- 400 p.

10. Shamina L.K. Methodology and methodology for managing innovative processes in an industrial enterprise: Monograph. - St. Petersburg: Institute of Business and Law, 2011. - 190 p.

b) additional literature:

1. Adizes And How To Overcome Management Crises. SPb .: Publishing House of the Stockholm School of Economics. 2006. - 285 p.
2. Vern Harnish. Business Development: Profitable Growth Tools / April 8, 2016 Mann, Ivanov and Ferber.
3. GOST R 56645.3-2015. Design management systems. Innovation Management Guide [Text] = Design management systems. Guide to managing innovation: national standard of the Russian Federation: official publication: introduced for the first time: introduction date 2016-06-01 / Prepared by FSUE "Scientific-researched. Institute of Standardization and Unification ", JSC" Scientific-Research Center for Control and Diagnostics of Tech. systems ". - Moscow: Standartinform, 2016.
4. Danshina V.V. The concept of the formation of an innovative development strategy for socially responsible business // http://www.ineconomic.ru/ru/no4-40-2017-iyul-avgust.
5. UNESCO Science Report: Towards 2030 / http: // creativecommons. org / licenses / by-nd / 3.0 / igo.
6. Zhmud T.A. Portable innovation as a way to open new markets and diversify companies, http://www.ineconomic.ru/en/no1-37-2017-yanvar-fevral.
7. Zhuravlev V.V., Varkova N.Yu. Diversification of enterprises as a tool to ensure sustainable development and increase the competitiveness of organizations in a crisis, http://www.ineconomic.ru/ru/no1-37-2017-yanvar-fevral .
8. Barancheev, V.P. Innovation Management . Textbook / V.P. Barancheev, N.P. Maslennikova, V.M. Mishin. - M.: Yurait, 2018 .-- 720 p.
9. Blokhina, T.K. Economics and Management of an Innovation Organization. Textbook / T.K. Blokhina, O.N. Bykova, T.K. Ermolova. - M .: Prospect, 2017
10. Fritsch, Michael. The role of knowledge, skills and capabilities in the formation of regional startups in the field of information technology / M. Fritsch, M. Wurvih // Foresight. - 2019.- No. 2. - p. 62-71.
11. Antonov, G.D. Organization project management : Uch. / G.D. Antonov, O.P. Ivanova V.M. Cumin. ... - SPb .: Doe, 2019 . - 244 c. eleven
12. Borschevsky, G. A. Public-private partnership. ... - Moscow: Science, 2019 . - 267 c. Labotsky, VV Management IT- projects .
13. Yu. Yu. Medvedev // Practical marketing. - 2019 . - No. 8. - p. 28-32. Bibliography: 9 ...
14. Medvedev, Julia Yurievna. To the question of marketing management model innovative development of trade / Yu. Yu. Medvedev // Practical marketing. - 2019 . - No. 8. - p. 28-32. -

c) software and Internet resources:

– MS Word , MS Excel , MS Power Point

- http://Executive.ru

- http://hbr-russia.ru

- Journal of the Guild of Leaders of Change // http://www.Kinsmark.com
- Edition for professional consultants http://consulting.ru/askeri_170
- Internet portal for managers // http://www.management.com.ua
- Club of Directors for Science and Innovation http://irdclub.ru
- The official website of Skolkovo // http://www.sk.ru
- The official website of the Adizes Institute of Management // http://russia.adizes.com
- Disruptive innovation: twenty years later // Clayton Christensen, Michael Raynor, Rory MacDonald / http://hbr-russia.ru/innovatsii/upravlenie-innovatsiyami/a17234/ .
- Portal for organizational change management // http://www.markus.spb.ru
- Russian Venture Company http://rvc.ru .
- Site about nanotechnology in Russia // http://www.nanonewsnet.ru
- Management of innovative risks http://www.masters.donntu.edu.ua
- Federal portal of small and medium-sized businesses //http://smb.gov.ru/content/guide/doingbusiness/market/intellect_own/integral
- Fund for the Promotion of the Development of Small Forms of Enterprises in the Scientific and Technical Field (Fund for the Promotion of Innovations) http://fasie.ru/fund
- Encyclopedia of the economist http://www.grandars.ru

## 11. Material and technical support of educational practice

Classroom fund, multimedia.

Equipment for demonstration of lecturer presentations, student reports and messages:

– Classrooms (classrooms) with workplaces for lectures (by the number of students in the stream) and for seminars (by the number of students in separate groups);

– desktop personal computer with Microsoft Office 2016 ;
– multimedia projector;
– portable equipment is allowed - laptop and projector;
– screen (stationary or portable).

| The audience | Name | Name |
|---|---|---|
| 17 | Classroom | Multimedia projector - 1 pc., Screen - 1 pc. |
| 101 | Classroom | Multimedia projector - 2 pcs., sound stand - 1 pc., screen -2 pc. |
| 103 | Classroom | Multimedia projector - 1 pc., Screen -1 pc. |
| 105 | Classroom | Multimedia projector - 1 pc., Screen -1 pc. |

**12. Forms of intermediate certification (based on the results of practice)**
*Preparation and defense of the report, interview and other forms of certification.*

Final certification in research practice is carried out in the form of a set-off. The test based on the results of scientific and pedagogical practice is set subject to the provision of text and presentation of the report and the report of the practice.

**13. The fund of assessment tools for intermediate certification of students in educational practice**

When scoring, a point-rating system is used, in accordance with the Regulation on the BRS, the assessment of the quality of mastering basic educational programs adopted by the Decision of the Academic Council of the University (protocol No. 6 dated 06/17/2013) and approved by the Order of the University Rector dated 06/20/2013.

**Grading system**

| **BRS points** | **Traditional estimates of the Russian Federation** | **Estc** |
|---|---|---|
| **95-100** | 5 + | A |
| **86-94** | 5 | B |
| **69-85** | four | C |
| **61-68** | 3 + | D |
| **51-60** | 3 | E |
| **31-50** | 2 | Fx |
| **0-30** | | F |

All types of work are carried out exactly on schedule stipulated by the training program. If a graduate student *without good reason has* not completed any of the tasks, then points for this type of work are not awarded to him, and those prepared after the deadline are not evaluated.

**14. Criteria for assessing knowledge, skills, and declared competencies for research**

| Designations | | **Statement of requirements** |
|---|---|---|
| | Rating | **to the degree of competency** |
| One | Unsatisfactory (not set off) | Does not have the necessary understanding of the auditee material |
| 2 | Satisfactory or Unsatisfactory (set off not set off) *(at the discretion of the scientific leader)* | Know at the level of **orientation** , perceptions. The subject of learning knows the main signs or terms of the studied element of content, their relevance to a particular science, industry or objects, recognizes them in texts, images or diagrams and knows what sources need to be addressed for more detailed assimilation of it |
| 3 | Satisfactorily (set off) | To know and be able to **reproductively** . The subject of learning knows the studied element of content reproductively: arbitrarily reproduces his knowledge verbally, in writing or in demonstrated actions |

| | | |
|---|---|---|
| four | Good (set off) | Know, be able to own at an **analytical** level. Knowing at a reproductive level, indicate the features and relationships of the studied objects, their merits, limitations, history and development prospects, and features for different learning objects |
| 5 | Fine (set off) | Know, be able to own at the **system** level. The subject of learning knows the studied element of content systematically, arbitrarily and conclusively reproduces his knowledge verbally, in writing or in demonstrated actions, taking into account and indicating the connections and dependencies between this element and other elements of the content of the discipline, its significance in the content of the discipline |

The program is compiled in accordance with the requirements of the OS VO RUDN

| Practice steps | Competencies | Assessment Forms |
|---|---|---|
| Preparatory stage | UK-1 UK-2 UK-3, UK-4, UK-6 OPK-1 | Oral Report |
| The main stage (research work) | OPK-1, OPK-2, PK- 1, PK- 2 PC- 3 | Oral Report |
| The final stage (preparation of a scientific report on the dissertation research (speaking with him at a scientific conference) and practice report | OPK-1, OPK-2, PK- 1, PK- 2 PC- 3 | Speech at the conference Report Protection |

The program is compiled in accordance with the requirements of the OS VO RUDN.

Program manager

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