

**Federal State Autonomous Educational Institution  
of Higher Education "Peoples' Friendship University of Russia  
named after Patrice Lumumba"  
RUDN University**

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**Faculty of Economics**

(name of Educational Division - designer of PhD Programme)

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**Department of Finance and Credit**

(name of Educational Department - designer of PhD Programme)

**DISCIPLINE WORK PROGRAM**

**Research methodology**

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(name of discipline/module)

Scientific specialty:

**5.2.1. Economic theory**  
**5.2.3. Regional and sectoral economics**  
**5.2.4. Finance**  
**5.2.5. World economy**  
**5.2.6. Management**

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(code and name of scientific field)

The discipline is mastered as part of the postgraduate program:

**Economic theory**  
**Regional and sectoral economics**  
**Finance, money circulation and credit**  
**World economy**  
**Management**

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(name of graduate program)

## 1. THE GOAL OF MASTERING DISCIPLINE

The purpose of mastering the discipline “Methodology of Scientific Research” is to develop in graduate students in-depth knowledge about the basics of scientific research methodology, the methodology and logic of scientific research, as well as the development of skills and abilities of independent research activities.

## 2. REQUIREMENTS FOR THE RESULTS OF MASTERING THE DISCIPLINE

Mastering the discipline “Methodology of Scientific Research” is aimed at developing research competencies, as a result of which the graduate student must:

know:

- principles of planning and stages of scientific research;
- basic concepts of scientific research and their methodology;
- requirements and forms for presenting the results of scientific research;
- principles of argumentation and defense of the results of scientific work;
- methods of scientific research, including in the field of their future professional

activities;

be able to:

- present the results of scientific research in the required forms;
- report the results of completed scientific work;
- analyze and systematize information on the research topic, - prepare scientific reports, reviews of publications on the research topic;
- apply fundamental knowledge and practical skills in the field of their future professional activities; own:
- skills of independent design and presentation, including for public discussion, of the results of scientific research;
- methods of rational planning and conducting scientific research;
- skills of presentation and reasoned defense of the results of completed scientific work;
- methods of obtaining, processing, interpreting and disseminating new scientific knowledge, including in the field of their future professional activities.

## 3. SCOPE OF DISCIPLINE AND TYPES OF STUDY WORK

The total labor intensity of the discipline “ Methodology of Scientific Research ” is 2 credit units (72 academic hours).

Type of educational work	Total, ac. h.	Semester
		3
<i>Contact work</i>		18
including:		
Lectures (LC)		12
Laboratory work (LR)	–	–
Practical/seminar sessions (SZ)		6
<i>Independent work of students</i>		18
<i>Control (test with assessment/exam)</i>	36	36
Total labor intensity of the discipline	ak. h.	72
	zach. units	2

## 4 . CONTENT OF DISCIPLINE

*Contents of the discipline (module) by type of academic work*

<b>Name of the discipline section</b>	<b>Contents of the section (topic)</b>	<b>Type of educational work*</b>
<b>Section 1. Essential characteristics of scientific research</b>	Topic 1. Concept, types and essence of scientific research.	LC, SZ, SR
	Topic 2. The concept of science and scientific knowledge Typology of scientific research.	LC, SZ, SR
<b>Section 2. Methodological foundations of scientific research</b>	Topic 1. Concept of research method and methodology. Levels of methodology.	LC, SZ, SR
	Topic 2. Typology of scientific research methods.	LC, SZ, SR
<b>Section 3. Scientific research algorithm.</b>	Topic 1. The main stages of the research process and their characteristics.	LC, SZ, SR
	Topic 2. Methods and means of implementing the results of the research process.	LC, SZ, SR
	Topic 3. Planning and organization of scientific research	LC, SZ, SR
<b>Section 4 Didactic units and components of dissertation research methodology.</b>	Topic 1. Object, subject and subject of dissertation research. Information search. Structure and methodological form of dissertation research.	LC, SZ, SR
	Topic 2. Title of the dissertation research. Statement of scientific problems, goals and objectives. Relevance of the results of the dissertation research.	LC, SZ, SR
<b>Section 5 Abstract of the dissertation and scientific articles on the topic</b>	Topic 1. Preparation of an abstract on the topic of dissertation research.	LC, SZ, SR
	Topic 2. Writing and publishing scientific articles on the topic of dissertation research. Scientific article constructor.	LC, SZ, SR
<b>Section 6. Stylistic features and design of the dissertation research and abstract.</b>	Topic 1. Text of the dissertation.	LC, SZ, SR
	Topic 2. Features of the dissertation research design.	LC, SZ, SR
	Topic 3. Standards for formatting dissertation research and abstracts.	LC, SZ, SR

\* - to be filled out only for **full-time** education: LC – lectures; LR – laboratory work; SZ – seminar classes.

## **5 MATERIAL AND TECHNICAL SUPPORT OF DISCIPLINE**

### *Material and technical support of the discipline*

<b>Audience type</b>	<b>Auditorium equipment</b>	<b>Specialized educational/laboratory equipment, software and materials for mastering the discipline (if necessary)</b>
Lecture	Auditorium 101 for conducting lecture-type classes, equipped with a set of specialized furniture; board (screen) and technical means of multimedia presentations.	Asus laptop F 6 A , Casio multimedia projector XJ - S 400 UN , Casio Multimedia Projector XJ - V 100 W , Projection screen GEHA 244*244, Screen with electrical wire Draper 203*1, Defender acoustic system Mercury 35 Mkl , Philip TV

Seminar	Auditorium 103 for conducting seminar-type classes, group and individual consultations, ongoing monitoring and intermediate certification, equipped with a set of specialized furniture and technical means for multimedia presentations	Asus laptop F 6 A , Casio multimedia projector XJ - S 400 UN , Digis motorized screen Electra M.W. DSEM -1105
Computer class	Computer class 19 for conducting classes, group and individual consultations, ongoing monitoring and intermediate certification, equipped with personal computers (21 pcs.), a whiteboard (screen) and technical means for multimedia presentations	Lenovo all-in-one Intel I 5 10160 T /8 GB /256 GB / audio , 24" monitor, Casio multimedia projector XJ - V 100 W , Digis motorized screen Electra 200*150 Dsem 4303
For independent work of students	Auditorium 29 for independent work of students (can be used for seminars and consultations), equipped with a set of specialized furniture and computers with access to EIOS.	Lenovo all-in-one AIO 510-22 ISH Intel I 5 2200 MHz /8 GB /1000 GB / DVD / audio , 21" monitor, Casio multimedia projector XJV 100 W , Digis motorized screen Electra 200*150 Dsem 4303

## 6. EDUCATIONAL, METHODOLOGICAL AND INFORMATIONAL SUPPORT OF DISCIPLINE

### *Main literature:*

1. Bayborodova, L.V. Methodology and methods of scientific research: textbook for universities / L.V. Bayborodova, A.P. Chernyavskaya. — 2nd ed., rev. and additional - Moscow: Yurayt Publishing House, 2024. - 221 p. - (Higher education). — ISBN 978-5-534-06257-1. — Text: electronic // Educational platform Urayt [website]. — URL: <https://urait.ru/bcode/538032> (date of access: 03/07/2024).

2. Gorelov, N. A. Methodology of scientific research: textbook and workshop for universities / N. A. Gorelov, O. N. Korableva, D. V. Kruglov. — 3rd ed., revised. and additional - Moscow: Yurayt Publishing House, 2024. - 390 p. - (Higher education). — ISBN 978-5-534-16519-7. — Text: electronic // Educational platform Urayt [website]. — URL: <https://urait.ru/bcode/536410> (date of access: 03/07/2024).

3. Lebedev, S. A. Methodology of scientific knowledge: textbook for universities / S. A. Lebedev. - Moscow: Yurayt Publishing House, 2024. - 153 p. - (Higher education). — ISBN 978-5-534-00588-2. — Text: electronic // Educational platform Urayt [website]. — URL: <https://urait.ru/bcode/537439> (date of access: 03/07/2024).

4. Mokiy, V. S. Methodology of scientific research. Transdisciplinary approaches and methods: textbook for universities / V. S. Mokiy, T. A. Lukyanova. — 2nd ed., revised. and additional - Moscow: Yurayt Publishing House, 2024. - 229 p. - (Higher education). — ISBN 978-5-534-13916-7. — Text: electronic // Educational platform Urayt [website]. — URL: <https://urait.ru/bcode/539991> (date of access: 03/07/2024).

5. Roy, O. M. Methodology of scientific research in economics and management: textbook for universities / O. M. Roy. — 3rd ed., revised. and additional - Moscow: Yurayt Publishing House, 2024. - 211 p. - (Higher education). — ISBN 978-5-534-17018-4. — Text: electronic // Educational platform Urayt [website]. — URL: <https://urait.ru/bcode/539256> (date of access: 03/07/2024).

### *Additional literature:*

1. Brylev, A. A. Fundamentals of scientific research: a textbook for universities / A. A. Brylev, I. N. Turchaeva. - Moscow: Yurayt Publishing House, 2024. - 206 p. - (Higher education). — ISBN 978-5-534-15861-8. — Text: electronic // Educational platform Urayt [website]. — URL: <https://urait.ru/bcode/544833> (date of access: 03/07/2024).

2. Gorovaya, V. I. Research work: textbook for universities / V. I. Gorovaya. - Moscow: Yurayt Publishing House, 2024. - 103 p. - (Higher education). — ISBN 978-5-534-14688-2. — Text: electronic // Educational platform Urayt [website]. — URL: <https://urait.ru/bcode/544055> (date of access: 03/07/2024).

3. Dreshchinsky, V. A. Methodology of scientific research: textbook for universities / V. A. Dreshchinsky. — 3rd ed., revised. and additional - Moscow: Yurayt Publishing House, 2024. - 349 p. - (Higher education). — ISBN 978-5-534-16977-5. — Text: electronic // Educational platform Urayt [website]. — URL: <https://urait.ru/bcode/539139> (date of access: 03/07/2024).

4. Kuzmenko, G. N. Philosophy and methodology of science: textbook for master's degree / G. N. Kuzmenko, G. P. Otyutsky. - Moscow: Yurayt Publishing House, 2021. - 450 p. - (Master). — ISBN 978-5-9916-3604-9. — Text: electronic // Educational platform Urayt [website]. — URL: <https://urait.ru/bcode/487903> (date of access: 03/07/2024).

5. Mokiy, M. S. Methodology of scientific research: textbook for universities / M. S. Mokiy, A. L. Nikiforov, V. S. Mokiy; edited by M. S. Mokiya. — 3rd ed., revised. and additional - Moscow: Yurayt Publishing House, 2024. - 259 p. - (Higher education). — ISBN 978-5-534-18527-0. — Text: electronic // Educational platform Urayt [website]. — URL: <https://urait.ru/bcode/535293> (date of access: 03/07/2024).

6. Seletkov, S. G. Methodology of dissertation research: textbook for universities / S. G. Seletkov. — 2nd ed., revised. and additional - Moscow: Yurayt Publishing House, 2024. - 281 p. - (Higher education). — ISBN 978-5-534-16989-8. — Text: electronic // Educational platform Urayt [website]. — URL: <https://urait.ru/bcode/532166> (date of access: 03/07/2024).

*Resources of the information and telecommunications network “Internet”:*

1. EBS of RUDN and third-party EBS, to which university students have access on the basis of concluded agreements:

- Electronic library system of RUDN - EBS RUDN <http://lib.rudn.ru/Mega-Pro/Web>

- EBS “University Library Online” <http://www.biblioclub.ru>

- EBS Yurayt <http://www.biblio-online.ru>

- EBS “Student Consultant” [www.studentlibrary.ru](http://www.studentlibrary.ru)

- EBS "Lan" <http://e.lanbook.com/>

- EBS “Trinity Bridge”

2. Databases and search engines:

- electronic fund of legal and regulatory technical documentation <http://docs.cntd.ru/>

- Yandex search engine [https:// www .yandex.ru/](https://www.yandex.ru/)

Google search engine <https://www.google.ru/>

- SCOPUS abstract database [http:// www .elsevierscience.ru/products/scopus/](http://www.elsevierscience.ru/products/scopus/)

*Educational and methodological materials for students’ independent work when mastering a discipline/module\*:*

1. A course of lectures on the discipline “Finance, money circulation and credit.”

\* - all educational and methodological materials for students’ independent work are posted in accordance with the current procedure on the discipline page **in TUIS!**

## **7. ASSESSMENT MATERIALS AND POINT-RATING SYSTEM FOR ASSESSING THE LEVEL OF COMPETENCIES IN A DISCIPLINE**

Evaluation materials and a point-rating system\* for assessing the level of development of competencies (part of competencies) based on the results of mastering the discipline “Finance, money circulation and credit” are presented in the Appendix to this Work Program of the discipline.

\* - OM and BRS are formed on the basis of the requirements of the relevant local regulatory act of RUDN University.

### **DEVELOPERS:**

**Professor of the Department  
of Finance and Credit**

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**Sidorova E.Yu.**

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### **HEAD OF BUP:**

**Head of the Department of Fi-  
nance and Credit**

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**Dinets D.A.**

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