

Документ подписан простой электронной подписью
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**Federal State Autonomous Educational Institution of Higher Education
PEOPLES' FRIENDSHIP UNIVERSITY OF RUSSIA
NAMED AFTER PATRICE LUMUMBA
RUDN University**

Economics Faculty

(educational division (faculty/institute/academy) as programme developer)

Department of Finance and Credit

(department realizing the PhD program)

COURSE SYLLABUS

Methodology of scientific research

(course title)

Scientific specialty:

5.2.3. Regional and Industry Economy

5.2.4. Finance

5.2.5. World Economy

(scientific speciality code and title)

The course instruction is implemented within the PhD programmes:

Regional and Industry Economy

Finance

World Economy

(PhD program title)

1. DISCIPLINE (MODULE) GOAL

The objective of mastering the discipline “Methodology of Scientific Research” is the formation of advanced knowledge of graduate students about the basics of methodology of scientific research, methodology and logic of scientific research, as well as the development of skills and skills of independent research activity.

2. REQUIREMENTS TO PHD-STUDENTS ON FINISHING THE COURSE

Mastering the discipline “Methodology of scientific research” is aimed at the formation of research skills, as a result of the formation of which the graduate student must:

know:

- principles of planning and stages of scientific research;
- basic concepts of scientific research and its methodology;
- requirements and forms of presentation of 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 his future professional

activity;

be able to:

- present in the required forms the results of scientific research;
- report the results of the completed scientific work;
- analyze and systematize information on the topic of research, - prepare scientific reports, reviews of publications on the topic of research;
- to apply fundamental knowledge and practical skills in the field of their future

professional activity; to possess:

- skills of independent design and presentation, including for public discussion, the results of scientific research;
- methods of rational planning and conducting scientific research;
- skills of presentation and reasoned defense of the results of the completed scientific

work;

- methods of obtaining, processing, interpretation and dissemination of new scientific knowledge, including in the field of his future professional activity.

3. WORKLOAD OF THE DISCIPLINE AND TYPES OF ACTIVITIES

The overall workload of the discipline « Methodology of Scientific Research » is 2 credit units (72 academic hours).

Types of activities	Total ac. hrs.	Semesters
		2
<i>Classroom activities (total), including:</i>	24	24
including:		
Lectures (LC)	18	18
Laboratory activities (LA)	–	–
Practical lessons/Seminars (PC)	6	6
<i>Independent work</i>	12	12
<i>Intermediate certification (test with assessment/exam)</i>	36	36
Overall workload	ac. hrs.	72
	credits	2

4. CONTENT OF THE DISCIPLINE

Name of the discipline section	Contents of the section (topic)	Type of study work
Section 1. Essence of scientific research	Theme 1.1. The concept, types and essence of scientific research	LC, PC, IW
	Theme 1.2. The concept of science and scientific knowledge Typology of scientific research.	LC, PC, IW

Section 2. Methodological Basis of Scientific Research	Theme 2.1. The notion of method and research methodology. Levels of methodology.	LC, PC, IW
	Theme 2.2. Typology of scientific research methods.	LC, PC, IW
Section 3. Algorithm of Scientific Research.	Theme 3.1. Main stages of the research process and their characterization.	LC, PC, IW
	Theme 3.2. Methods and ways of embodiment of the results of the research process.	LC, PC, IW
	Theme 3.3. Planning and organization of scientific research	LC, PC, IW
Section 4. Didactic units and components of dissertation research methodology.	Theme 4.1. Object, Subject and Subject of Dissertation Research. Information search. Structure and methodological form of dissertation research.	LC, PC, IW
	Theme 4.2. The name of the dissertation research. Statement of scientific problems, goals and objectives. Relevance of the results of the dissertation research.	LC, PC, IW
Section 5. Dissertation abstract and scientific articles on the topic	Theme 5.1. Preparation of an abstract on the topic of dissertation research.	LC, PC, IW
	Theme 5.2. Writing and publishing scientific articles on the topic of dissertation research. The constructor of the scientific article.	LC, PC, IW
Section 6. Stylistic peculiarities and design of the dissertation research and abstract.	Theme 6.1. The text of the dissertation.	LC, PC, IW
	Theme 6.2. Features of the dissertation research design.	LC, PC, IW
	Theme 6.3. Standards for the design of dissertation research and abstract.	LC, PC, IW

5. EQUIPMENT AND TECHNOLOGY SUPPORT REQUIREMENTS

Room Type	Room Equipment	Specialized educational / laboratory equipment, software and materials for mastering the discipline
Lectures (LC)	Auditorium for conducting seminar-type classes, group and individual consultations, ongoing monitoring and midterm assessment, equipped with a set of specialized furniture and technical means for multimedia presentations	Not necessary
Class for Seminars	Room for seminar-type classes, equipped with a set of specialized furniture, board (screen) and technical / multimedia gadgets	Not necessary
Self-Work Class	Room for self-working (can be used for lecture and seminars activities), equipped with a set of specialized furniture, board (screen) and technical / multimedia gadgets and computers with an access to EIPES	Not necessary

6. METHODOLOGICAL SUPPORT AND LEARNING MATERIALS

Main readings:

1. Baiborodov, L. V. Methodology and methods of scientific research : textbook for universities/ L. V. Baiborodov, A. P. Cherniavskaya. - 2nd edition, ed. and Doc. - Moscow :

Publishing House Yurite, 2025. - 221 c. - (Higher education). - ISBN 978-5-534-06257-1. - Text : electronic // Yurite Educational Platform [site]. - URL: <https://urait.ru/bcode/562034> (date of application: 07.02.2025)

2. Drešinskij, V. A. Methodology of scientific research : textbook for universities/ V. A. Drešinskij. - 3rd edition, rearb. and supplement Moscow : Publishing House Yurite, 2025. - 349 pp. - (Higher education). - ISBN 978-5-534-16977-5. - Text : electronic // Yurite Educational Platform [site]. - URL: <https://urait.ru/bcode/563082> (date of application: 07.02.2025).

3. Lebedev, S. A. Methodology of scientific knowledge : textbook for universities/ S. A. Lebedev. - Moscow : Yurite Publishing House, 2025. - 153 c. - (Higher education). - ISBN 978-5-534-00588-2. - Text : electronic // Educational platform Jurit [site]. - URL: <https://urait.ru/bcode/561479> (date of request: 07.02.2025).

4. Moki, V. S. Methodology of scientific research. Transdisciplinary approaches and methods : teaching manual for universities/ V. C. Moki, T. A. Lukyanova. - 2nd Edition, Rev. and Dec. - Moscow : Yurite Publishing House, 2024. - 229 pp. - (Higher education). - ISBN 978-5-534-13916-7. - Text : electronic // Yurite Educational Platform [site]. - URL: <https://urait.ru/bcode/539991> (date of application: 07.02.2025).

Additional readings:

5. Afanasiev, V. V. Methodology and methods of scientific research : textbook for universities/ V. V. Afanasiev, O. V. Gribkova, L. I. Ukolova. - 2nd edition. , Rev. and Dop. - Moscow : Yurite Publishing House, 2024. - 163 c. - (Higher education). - ISBN 978-5-534-17663-6. - Text : electronic // Yurite Educational Platform [site]. - URL: <https://urait.ru/bcode/539084> (date of application: 07.02.2025).

6. Roy, O. M. Methodology of scientific research in economics and management : textbook for universities / O. M. Roy. - 3rd edition, translator and supplement Moscow : Publishing House Yurite, 2025. - 211 pp. - (Higher education). - ISBN 978-5-534-17018-4. - Text : electronic // The Yurite Educational Platform [site]. - URL: <https://urait.ru/bcode/563187> (date of application: 07.02.2025).

7. Seletkov, S. G. Methodology of dissertation research : textbook for universities/ S. G. Seletkov. - 2nd edition, rearb. and supplement Moscow : Publishing House Yurite, 2025. - 281 c. - (Higher education). - ISBN 978-5-534-16989-8. - Text : electronic // Yurite Educational Platform [site]. - URL: <https://urait.ru/bcode/567568> (date of application: 07.02.2025).

8. Philin, A. D. Methodology of scientific research : textbook for universities/ A. D. Philin, A. R. Bestutin, Y. G. Shatrakov ; under the scientific supervision of A. D. Filina Moscow : Yurite Publishing House, 2025. - 163 pp. - (Higher education). - ISBN 978-5-534-20867-2. - Text : electronic // Yurite Educational Platform [site]. - URL: <https://urait.ru/bcode/558901> (date of application: 07.02.2025).

Internet sources:

ELS RUDN University and third party EBS, to which university students have access based signed contracts:

- RUDN Electronic Library System, <http://lib.rudn.ru/MegaPro/Web> ;
- ELS University Library Online, <http://www.biblioclub.ru> ;
- EBS Urayt, <http://www.biblio-online.ru> ;
- ELS Student Consultant, <http://www.studentlibrary.ru> ;
- EBS Lan, <http://e.lanbook.com> ;
- EBS Trinity Bridge <http://www.trmost.ru>

Databases and search engines:

- Electronic fund of legal and normative-technical documentation, <http://docs.cntd.ru> ;
- Yandex search system <https://www.yandex.ru> ;
- Google search system <https://www.google.com> ;
- Reference database Scopus , <http://www.elsevier.com/scopus>

Educational and methodological materials for students' self-work studying the discipline /

module: A course of lectures on the discipline « Methodology of scientific research».

7. ASSESSMENT TOOLKIT AND GRADING SYSTEM FOR MIDTERM ATTESTATION OF STUDENTS IN THE DISCIPLINE (MODULE)

Assessment toolkit and a grading system to evaluate the level of competences (competences in part) formation as the course results are specified on the TUIS platform.

DEVELOPERS:

Professor, Department of Finance and Credit



Sidorova E.Yu.

HEAD OF THE DEPARTMENT

Head of the Department of Finance and Credit



Dinets D.A.