

Документ подписан простой электронной подписью
Информация о владельце:
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Должность: Ректор
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**Federal State Autonomous Educational Institution higher education
PEOPLES' FRIENDSHIP UNIVERSITY OF RUSSIA
NAMED AFTER PATRICE LUMUMBA
RUDN University
Higher School of Management**

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

Department of Compliance and Controlling
(department realizing the PhD program)

COURSE SYLLABUS

Methodology of scientific research
(course title)

Scientific specialty:

5.2.3. - Regional and sectoral economics
(scientific speciality code and title)

The course instruction is implemented within the PhD programmes:

Economy of Innovations
(PhD program title)

1.DISCIPLINE (MODULE) GOAL

The objective of mastering the discipline "Methodology of scientific research" is to acquire knowledge and skills:

- students mastering the logic of constructing a dissertation research
- students mastering the structure of the research, terminology, and necessary attributes of a dissertation research.
- familiarization with the methods and sources of obtaining information
- mastering the methods of processing information
- mastering the methodology of designing and presenting the results of scientific research.

2. REQUIREMENTS TO PHD-STUDENTS ON FINISHING THE COURSE

Mastering the discipline "Methodology of Scientific Research» is aimed at preparing for passing candidate exams, defending a dissertation, as well as mastering the following skills and abilities:

- the ability to critically analyze and evaluate modern scientific achievements, generate new ideas when solving research and practical problems, including in interdisciplinary areas.
- participation in the work of Russian and international teams to solve scientific and scientific-educational problems.
- planning and solving problems of one's own professional and personal development.
- independently carrying out scientific and research activities in the relevant professional field using modern research methods and information and communication technologies.

3. WORKLOAD OF THE DISCIPLINE AND TYPES OF ACTIVITIES

The overall workload of the discipline "Methodology of Scientific Research» is 1 credits = 36 academic hours.

Type of activities		TOTAL, ac.h.	Course			
			1	2	3	4
<i>Contact work, ac.h.</i>						
including:						
Lectures (LC)		12	12			
Laboratory work (LW)						
Practical/seminar classes (P/SC)		6	6			
<i>Independent work of students, ac.h.</i>						
<i>Control (credit with assessment), ac.h.</i>						
The overall complexity of the discipline	ac.h.	18	18			
	zach.ed.	Test	Test			

Type of activities	TOTAL, ac.h.	Course			
		1	2	3	4
zach.ed.	Test	Test			

4. CONTENT OF THE DISCIPLINE

Module title	Course Modules and Contents	Learning Activities
Section 1. Theoretical and practical approaches to conducting dissertation research	Topic 1.1. Formation of the topic of the dissertation research. Passports of specialties. The roadmap of the dissertation research	LC
	Topic 1.2. The structure and logic of the dissertation research	LC
	Topic 1.3. Information sources and databases	LC
	Topic 1.4. Analytical and economic-mathematical methods of dissertation research	LC
	Topic 1.5. Formation of the dissertation research plan	LK
	Topic 1.6. Preparation of a presentation for the approval of the topic of the dissertation research	P/SC
Section 2. Presentation and design of the dissertation research	Topic 2.1. The design of the dissertation and abstract (sections, structure and logic of presentation)	LK, P/SC
	Topic 2.2. Preparation of the presentation of the results of the dissertation research	P/SC

5. EQUIPMENT AND TECHNOLOGY SUPPORT REQUIREMENTS

Room type	Room equipment	Specialized educational/laboratory equipment, software and materials for the development of the discipline (if necessary)
Lecture hall	An auditorium for conducting lecture-type classes, equipped with a set of specialized furniture; a blackboard (screen) and technical means of multimedia presentations.	The graduate student's individual workplace must be equipped with a personal device with Internet access. A mobile phone is not a device capable of technically providing access to all information resources and services for mastering modules. Computer classes/classrooms should be equipped with multimedia and computer equipment with Internet access.
Seminar room	An auditorium for conducting seminar-type classes, group and individual consultations, ongoing monitoring and intermediate certification, equipped with a set of specialized furniture and multimedia presentation equipment.	
Computer class	A computer classroom for conducting classes, group and individual consultations, ongoing monitoring and intermediate certification, equipped with personal computers (in the amount of ____ pcs.), a blackboard (screen) and multimedia	

Room type	Room equipment	Specialized educational/laboratory equipment, software and materials for the development of the discipline (if necessary)
	presentation equipment.	
For students to work independently	An auditorium for students to work independently (can be used for seminars and consultations), equipped with a set of specialized furniture and computers with access to EIOS.	

6.METHODOLOGICAL SUPPORT AND LEARNING MATERIALS

Basic literature:

1. Belyaev, V. I., Methodology of scientific research: textbook / V. I. Belyaev, O. V. Kuznetsova. — Moscow: KnoRus, 2024. — 432 p. — ISBN 978-5-406-13114-5. — URL: <https://book.ru/book/953746> (date of request: 02/17/2025). — Text: electronic.
2. Afanasyev, V. V. Methodology and methods of scientific research: a textbook for universities / V. V. Afanasyev, O. V. Gribkova, L. I. Ukolova. Moscow: Yurait Publishing House, 2022. 154 p. (Higher education). — URL: <https://urait.ru/bcode/492350>
3. Dreschinsky, V. A. Methodology of scientific research: textbook for universities / V. A. Dreschinsky. — 2nd ed., revised and add. Moscow: Yurait Publishing House, 2022. 274 p. (Higher education). — URL: <https://urait.ru/bcode/492409>
4. Kargin, N. N. Methodology of scientific research: textbook / N.N. Kargin, S.I. Izaak. Moscow: INFRA-M, 2024. 259 p. (Higher education: Master's degree). — DOI 10.12737/1882577. - ISBN 978-5-16-017831-8. - Text: electronic. - URL: <https://znanium.ru/catalog/product/2128046> (date of request: 02/18/2025). – Access mode: by subscription.
5. Moki, M. S. Methodology of scientific research: a textbook for universities / M. S. Moki, A. L. Nikiforov, V. S. Moki ; edited by M. S. Moki. — 3rd ed., reprint. and add. Moscow: Yurait Publishing House, 2025. 259 p. (Higher education). — ISBN 978-5-534-18527-0. — Text: electronic // Educational platform Yurayt [website]. — URL: <https://urait.ru/bcode/560221> (date of request: 02/18/2025).
6. Bayborodova, L. V. Methodology and methods of scientific research: a textbook for universities / L. V. Bayborodova, A. P. Chernyavskaya. — 2nd ed., ispr. and add. Moscow: Yurait Publishing House, 2022. 221 p. (Higher education). — URL: <https://urait.ru/bcode/491205>
7. Gorelov, N. A. Methodology of scientific research: textbook and workshop for universities / N. A. Gorelov, D. V. Kruglov, O. N. Korableva. — 2nd ed., revised and add. Moscow: Yurait Publishing House, 2022. 365 p. (Higher education). — URL: <https://urait.ru/bcode/489442>

8. Tsypin, G. M. Work on the dissertation. Navigator on the "highway" of scientific research: for universities / G. M. Tsypin. Moscow: Yurait Publishing House, 2022. 35 p. (Higher education). URL: <https://urait.ru/bcode/507947>
9. Seletkov, S. G. Methodology of dissertation research: textbook for universities / S. G. Seletkov. Moscow: Yurait Publishing House, 2022. 281 p. (Higher education). — URL: <https://urait.ru/bcode/496644>
10. Ovcharov, A. O. Methodology of scientific research: textbook / A.O. Ovcharov, T.N. Ovcharova. — 2nd ed., ispr. and add. Moscow: INFRA-M, 2023. 310 p. + Additional materials [Electronic resource]. — (Higher education). — DOI 12737/1846123. -ISBN 978-5-16-017366-5. - Text: electronic. - URL:<https://znanium.com/catalog/product/1913251>

Additional literature:

1. Methodology of scientific research: a textbook for institutions of higher education / E.V. Pustynnikova — Ulyanovsk, UISU, 2017. — 130 p.
2. Boldyrev I.A. Economic methodology today: a brief overview of the main directions// Problems of economic theory. [https://www.hse.ru/data/2012/03/18/1264921089/Boldyrev 20 \(overstretched\).pdf](https://www.hse.ru/data/2012/03/18/1264921089/Boldyrev%20(overstretched).pdf)

Resources of the Internet information and telecommunication network:

1. The EBS of the RUDN and third-party EBS, to the materials of which graduate students of the university have access on the basis of concluded contracts:
 - RUDN Electronic Library System - EBS RUDN <http://lib.rudn.ru/MegaPro/Web>
 - EBS "University Library Online" <http://www.biblioclub.ru>
 - EBS - "Yurayt Educational Platform" <http://www.biblio-online.ru>
 - EBS "Student Consultant" www.studentlibrary.ru , integrated into the EBS of the RUDN

2. Databases*

* information about universal and specialized information bases for selection and inclusion in the program must be taken from the UNIBC (NB) website, link to the section <https://lib.rudn.ru/8>

- <https://rosstat.gov.ru/> - Portal of the Federal State Statistics Service
- <https://www.e-disclosure.ru/> - portal of the Center for Corporate Information Disclosure of Interfax
- SCOPUS is a scientometric, abstract database with organized access to open access publications <http://www.elsevierscience.ru/products/scopus/>
- WOS is a scientometric, abstract database with organized access to open access publications web.ofscience.com
- Google Academy (English Google Scholar) - <https://scholar.google.ru/>
- NEB, RSCI on the platform eLibrary.ru - <https://elibrary.ru/>
- The RUDN Repository - <https://repository.rudn.ru/>

3. Search engines:

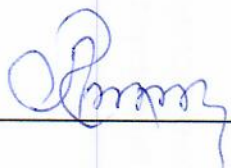
- electronic fund of legal and regulatory and technical documentation <http://docs.cntd.ru/>
- the Yandex search engine <https://www.yandex.ru/>
- Google search engine <https://www.google.ru/>

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:

Doctor of Economics, Professor
of the Department of
Compliance and Controlling



A. I. Bolonin

HEAD OF THE PROGRAM:

Head of the Department of Innovation
Management and Foreign Economic
Activity Doctor of Economics, Professor



A.I. Kashirin