

**Federal State Autonomous Educational Institution higher education  
"Peoples' Friendship University of Russia named after Patrice Lumumba »**

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**Higher School of Management**

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(the name of the main educational unit (OUP)-the developer of the postgraduate program)

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**Department of compliance and controlling**

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(the name of the basic educational unit (BUP)-the developer of the postgraduate program)

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**THE WORK PROGRAM OF THE DISCIPLINE**

**"Methodology of scientific research"**

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(name of the discipline/module)

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**Scientific specialty:**

**5.2.3. Regional and sectoral economy**

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(the code and name of the scientific specialty)

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**The development of the discipline is carried out within the framework of the postgraduate  
program:**

**Economics of Innovation**

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(name of the postgraduate program)

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## 1. THE PURPOSE OF MASTERING THE DISCIPLINE

The purpose of mastering the discipline "Methodology of scientific research" is the formation of students' methodological and scientific culture, a system of knowledge, skills and abilities in the field of organizing and conducting scientific research, in particular, during the performance of dissertation work.

Tasks:

- mastering the logic of dissertation research by students
- mastering by students the structure of the study, the terminological apparatus, the necessary attributes of the dissertation research.
- familiarity with the ways and sources of obtaining information
- mastering information processing methods.
- mastering the methodology of registration and presentation of the results of scientific research.

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

The development of the discipline "Methodology of Scientific Research" is aimed at:

CC-1 - the ability to critically analyze and evaluate modern scientific achievements, generate new ideas in solving research and practical problems, including in interdisciplinary fields

CC-3 - willingness to participate in the work of Russian and international research teams in solving scientific and scientific-educational tasks

UK-5 - the ability to plan and solve problems of their own professional and personal development

OPK-1 - the ability to independently carry out research activities in the relevant professional field using modern research methods and information and communication technologies

OPK-3 - readiness for teaching in the main educational programs of higher education.

## 3. THE SCOPE OF DISCIPLINE AND TYPES OF ACADEMIC WORK

The total labor intensity of the discipline "Information databases for scientific research and publication activities" is 0.5 credits.

Table 3.1. Types of academic work by periods of mastering the postgraduate program

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

## 4. THE CONTENT OF THE DISCIPLINE

Table 5.1. The content of the discipline (module) by type of academic work

Name of the discipline section	The content of the section (topics)	Type of educational work
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. MATERIAL AND TECHNICAL SUPPORT OF THE DISCIPLINE

Table 6.1. Material and technical support of the discipline

Type of audience	Equipping the audience	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 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. EDUCATIONAL, METHODOLOGICAL AND INFORMATION SUPPORT OF THE DISCIPLINE

### *Basic literature:*

1. Roy, O. M. Methodology of scientific research in economics and management: a textbook for universities / O. M. Roy. — 2nd ed., reprint. and add. — Moscow : Yurait Publishing House, 2022. — 209 p. — (Higher education). — URL: <https://urait.ru/bcode/492536>
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. Drechinsky, V. A. Methodology of scientific research: textbook for universities / V. A. Drechinsky. — 2nd ed., reprint. and add. — Moscow: Yurait Publishing House, 2022. — 274 p. — (Higher education). — URL: <https://urait.ru/bcode/492409>
4. Moki, M. S. Methodology of scientific research: textbook for universities / M. S. Moki, A. L. Nikiforov, V. S. Moki; edited by M. S. Moki. — 2nd ed. — Moscow: Yurait Publishing House, 2022. — 254 p. — (Higher education). — URL: <https://urait.ru/bcode/489026>.
5. 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>
6. Gorelov, N. A. Methodology of scientific research: textbook and workshop for universities / N. A. Gorelov, D. V. Kruglov, O. N. Korableva. — 2nd ed., reprint. and add. — Moscow : Yurait Publishing House, 2022. — 365 p. — (Higher education). — URL: <https://urait.ru/bcode/489442>.
7. Tsyplin, G. M. Work on a dissertation. Navigator on the "highway" of scientific research: for universities / G. M. Tsyplin. — Moscow: Yurait Publishing House, 2022. — 35 p. — (Higher education). — URL: <https://urait.ru/bcode/507947>
8. 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>.
9. 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](http://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 [webofscience.com](http://www.webofscience.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 MATERIALS AND A POINT-RATING SYSTEM FOR ASSESSING THE LEVEL OF COMPETENCE FORMATION IN THE DISCIPLINE**

Evaluation materials and a score-rating system for evaluating the development of the discipline are presented in the Appendix to this Work Program of the discipline.

#### **DEVELOPERS:**

Doctor of Economics, Professor  
of Compliance Department  
and controlling



A. I. Bolonin

#### **HEAD OF THE PROGRAM:**

Doctor of Economics, Professor,  
Head of the ISVE Department



A.I.Kashirin