

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE RUSSIAN FEDERATION  
Federal State Autonomous Educational Institution of Higher Education  
Ural Federal University named after the first President of Russia B. N. Yeltsin

Ural Institute of Humanities

APPROVED BY

Vice-Rector for Research

A. V. Germanenko

20\_\_ г.




**PROGRAM FOR THE DEVELOPMENT OF RESEARCH SKILLS AND PREPARATION OF THE  
CANDIDATE'S DISSERTATION**

<b>Information about the program</b>	<b>Codes and references</b>
<b>Postgraduate Program</b> Philosophical anthropology, philosophy of culture	<b>OP code</b> 5.7.8.
<b>Group of disciplines</b> Philosophy	<b>Code 5.7.</b>
<b>Federal state requirements</b>	Order of the Ministry of Science and Higher Education of the Russian Federation dated 20 <sup>th</sup> October 2021 № 951
<b>Self-approved requirements</b>	Order 'On the Enactment of the "Requirements for the Development and Implementation of PhD Training Programs for Research Staff and Faculty of UrFU"' №315/03 dated 31.03.2022

Ekaterinburg, 2022

The working program of the discipline is compiled by:

№	Name	Academic degree, title	Position	Department	Signature
1	Cherepanova E.S.	Doctor of Philosophy, Professor	Professor	Department of History of Philosophy, Philosophical Anthropology, Aesthetics and Cultural Theory	

**Recommended by the Educational and Methodological Council of the Ural Institute of Humanities**

Chair of the Educational and Methodological Council  
of the Ural Institute of Humanities

Record № 33.11-08/39 dated 21.12.2022



Zyryanova S.U.

**Approved:**

Head of the Department of Science and  
Pedagogical Training

Butrina E.A.

# 1. GENERAL DESCRIPTION OF THE PROGRAM FOR THE DEVELOPMENT OF RESEARCH SKILLS AND PREPARATION OF THE CANDIDATE'S DISSERTATION

## 1.1.1.1. Annotation

The program was developed in line with the self-approved requirements and the order of the Rector 'On the Enactment of the "Requirements for the Development and Implementation of PhD Training Programs for Research Staff and Faculty of UrFU"' №315/03 dated 31.03.2022. The program is included in Package 3 "Optional Courses" of PhD curriculum.

### Objectives:

- preparation of postgraduate students for independent research work; formation of their professional worldview; and development of independent research skills, including formulation and revision of the research question, finding and using primary and secondary sources;
- preparation of postgraduate students for conducting independent research and teamwork, development of their discussion skills, and preparation of postgraduate students for dissertation writing

The content of the program is determined in accordance with the discipline and the topic of the Candidate's dissertation.

### The main tasks of postgraduate students' research work are as follows:

- formation of the system of knowledge and skills of planning, organization and implementation of research;
- development of bibliographic search skills and strategies;
- development of information and analytical skills of working with electronic databases of domestic and foreign library collections;
- formation and development of applied research skills;
- formation and development of skills of designing and implementing complex research;
- development of teamwork skills and skills of productive interaction with other research teams and researchers;
- formation and development of skills in the field of scientific communications, public discussion of research results;
- development of academic writing skills.

The research activity of the postgraduate student is conducted under the guidance of their research advisor within the approved dissertation topic.

The forms of research activities of postgraduate students are as follows:

- independent research on the chosen topic of the dissertation;
- preparation of publications in accordance with the requirements of the Higher Attestation Commission of the Ministry of Science and Higher Education of the Russian Federation and UrFU Attestation Council;
- participation in conferences;
- preparation of the dissertation manuscript.

Research activities of postgraduate students are designed to:

- to develop the skills information search, analysis, interpretation and evaluation in the process of preparing a dissertation;
- to make information search, analysis, interpretation and evaluation an integral element of research activity;
- to include postgraduate students in the life of the academic community.

Postgraduate student's research activities may include:

- participation in research grants programs and research projects;
- participation in academic mobility programs;
- participation in regional and federal science research competitions

## **1.2. The program is taught in Russian and English.**

### **1.3. Intended learning outcomes**

Research activity is aimed at the development of the following competences:

- the ability to critically analyze and evaluate modern scientific achievements, generate new ideas by solving theoretical and empirical problems, including in interdisciplinary areas;
- the ability to design and carry out complex research, including interdisciplinary research, by building a comprehensive conceptual framework, involving knowledge in the field of history and philosophy of science;
- the ability to work as part of Russian and international research teams to solve scientific and scientific-educational problems;
- the ability to use modern methods and technologies of academic communication in the Russian languages and in foreign languages;
- the ability to follow ethical standards in professional activities;
- the ability to process the results of research work, to write academic papers;
- the ability to demonstrate a systematic understanding of the current state and problems of the chosen field of scientific knowledge;
- the ability to conduct research in the chosen field of scientific knowledge by using modern methods;
- the ability to make a scientific contribution to the development of selected field of scientific knowledge;
- the ability to critically analyze, evaluate and develop new ideas in the selected field of scientific knowledge and related fields;
- the ability to share knowledge and experience in the academic community.

During the period of research and preparation of the dissertation, the postgraduate student is expected to master methods and techniques of organizing research in the professional field to solve educational, scientific and social problems, to learn how to analyze, interpret and present the results in academic papers and dissertation.

The expected outcomes of postgraduate students' research activities and dissertation preparation are as follows:

#### **Postgraduate students are expected to know:**

- methods, techniques, and technologies of academic communication;
- the main achievements and trends in the relevant area and field of science and its relation to other fields and areas;
- the procedure(s) for organizing, planning, conducting and supporting research activities with the help of the latest technologies;
- the foundations of the culture of the humanitarian research;
- basic principles, methods and forms of organization of the scientific process at the university;
- methods for monitoring and evaluating the quality of results;

#### **Postgraduate students are expected to apply their knowledge and understanding to:**

- carry out research in the field of philosophical sciences;
- identify and develop problems in the field of philosophical research by using appropriate methods;
- use technologies, methods, and techniques of academic communication;
- engage in research activities in a research team;

**Postgraduate students are expected to demonstrate the following skills:**

- oral and written academic speech;
- presentation of research results with the help of modern computer technologies;
- assessment and analysis of their own research results and self-assessment of their research performance.

Postgraduate students are expected to participate in research seminars and demonstrate the following:

- the ability to review and analyze literature, choosing or adjusting the focus of their research;
- the ability to demonstrate their research: the collection of empirical and analytical material and its theoretical synthesis; formulating a hypothesis, its development into theoretical systems and justifications;
- skills of public debates and presentation of the results of research, preparation and writing of papers.

**1.4. Credit value**

№	Type of activity	Number of hours		Distribution of credit units by semester (hours)					
		Total / hour	Contact hours*	1	2	3	4	5	6
5.	<b>Individual work of postgraduate students, incl. formative attestation</b>	5652	<b>36</b>	828	828	1080	1080	1080	972
6.	<b>Interim attestation</b>	Test		<b>In-terim test</b>	<b>In-terim test</b>	<b>In-terim test</b>	<b>In-terim test</b>	<b>In-terim test</b>	<b>Interim test</b>
7.	<b>Total number of hours</b>	5652	36	828	828	1080	972	1080	864
8.	<b>Total number of credit units</b>	157		23	23	30	27	30	24

**2. PROGRAM CONTENT**

**2.1. Credit value and content of research work of postgraduate students**

№	Stages of research and dissertation preparation	Description
1	Stage I. Formulation and revision of the research question	Identification of the object and method of research. Planning of research activities and their implementation. Literature search: library catalogues and indexes, abstracts, automated search tools, periodicals.
2	Stage II. Work with primary and secondary sources	Review and analysis of the information on the topic of the dissertation: overview, reference, abstract. Preparation of an analytical literature review.
3	Stage III. Conducting independent research	Theoretical part of the research. Empirical part of the research. Stages and methods of conducting theoretical and empirical research in the field of philosophical sciences. Preparation of the manuscript. Registration of the dissertation.

4	Stage IV. Presentation of research findings at seminars and conferences	Technology of presentation, structure and style of presentation depending on the target audience and duration of the presentation. Presentations at seminars, conferences, symposia, etc.
5	Stage 5. Preparation of publications for peer-reviewed journals recommended by the Higher Attestation Commission of Russia and the UrFU Attestation Council	Preparation of publications: conference papers and articles in peer-reviewed journals.
6	Stage 6. Grant application	Applying for grants. Description of the project: methodology used; materials and methods; project requirements; objectives; plan and technology; expected results; publications; theoretical and practical significance of the project.
7	Stage 7. Semester and annual attestation	Semester and annual attestation according to individual plans is conducted by the departments and academic councils of the corresponding UrFU institutes.

## 2.2. Individual work of postgraduate students

Stages of research and dissertation	Description	Amount of study time, credit/hour
Stage I	Working with literature, databases, research planning and design	10/360
Stage II	Working with literature, preparation of literature review	20/720
Stage III	Theoretical and empirical research, preparation of the manuscript	70 / 2520
Stage IV	Preparation of papers and presentations	10/360
Stage V	Preparation of publications	20 / 720
Stage VI	Preparation of grant applications	17/612
Stage VII	Preparation of reports for the attestation	10/360

There are no specific norms regulating the labour intensity for specific research activities. Within the framework of the individual curriculum of a postgraduate student, which is approved by the research advisor and the head of the department, it is possible to redistribute the workload assigned to each year of study.

## 3. ASSESSMENT TOOLKIT FOR THE FORMATIVE AND INTERIM ATTESTATION

### 3.1. Criteria for assessing the results of the formative and interim attestation

The criteria approved by the department are used to evaluate postgraduate students' results. The system of assessment criteria is based on three competency proficiency levels: basic, advanced, and proficient.

Competency components	Description of competency proficiency levels		
	basic	advanced	proficient

<b>Knowledge</b>	A postgraduate student demonstrates the skills of recognition and memorization (recognizes objects, phenomena and concepts, compares them), information literacy skills, skills of knowledge comprehension and reproduction	A postgraduate student can gather, analyze, classify, systematize and interpret data, apply it productively in familiar situations	A postgraduate student can independently gather, analyze and interpret data, creatively use it and make decisions in new situations.
<b>Skills</b>	A postgraduate student can follow instructions or algorithms in a familiar situation and can solve typical problems that require a choice of known methods in a predictably changing situation	A postgraduate student demonstrates problem-solving to perform non-standard tasks that require a choice based on a combination of known methods in an unpredictable situation	A postgraduate student has excellent problem-solving skills; demonstrates a creative approach to the use of skills and application of technologies.
<b>Personal qualities</b>	A postgraduate student has a low motivation, shows an indifferent, irresponsible attitude to learning and research work.	A postgraduate student has a good motivation for learning, demonstrates a positive attitude towards learning and research work.	A postgraduate student has a strong motivation for learning and research, shows perseverance and enthusiasm, diligence, independence, and a creative approach.

### 3.2. Assessment tools for formative attestation

Attestation is carried out in the form of annual reports presented by postgraduate students at the meetings of the Department.

### 3.3. Assessment tools for interim attestation

Presentation of research findings.

Expertise of the final copy of the dissertation.

Discussion of the dissertation by members of the Department and its departmental approval.

## 4. EDUCATIONAL AND INFORMATIONAL SUPPORT

### 4.1. Recommended literature

#### 4.1.1. Principal literature

1. Lipsky B.I. Markov B.V. Philosophical Anthropology. Social Philosophy. Textbook. M.: Juryt, 2020.
2. Handbook on Scientometrics: Science and Technology Development Indicators = Handbook on Scientometrics: Science and Technology Development Indicators / M. A. Akoev, V. A. Markusova, O. V. Moskalev, V. Pislakov; ed. By M. A. Akoeva . 2nd edition. Ekaterinburg: CPI UrFU, 2021. 247 p.
3. Tonysheva L. L. Methods and organization of scientific research: theoretical basics and practicum / L. L. Tonyshev, N. L. Kuzmina, V. A. Chemietov. Methods and organization of scientific research: theoretical basics and practicum, 2025-11-25. Electronic resource (1 file). Tyumen: Tyumen Industrial University, 2019. 204 p.
4. Philosophical anthropology: actual concepts: educational manual / E. S. Cheretnova, K. I. Artsibasheva, E. A. Batyuta [et al.]; edited by E. S. Cheretnova. Philosophical anthropology: actual concepts, 2026-04-22. Electronic resource (1 file). Ekaterinburg: Publishing House of the Ural University, 2017. 324 p.

#### 4.1.2. Additional literature

1. Kuznetsov I.N. Dissertation. Methods of preparation and design: textbook. 4th edition, revised. M.: Dashkov and K, 2010. 488 p.
2. Reznik S.D. Postgraduate student of the university: technologies of scientific creativity and pedagogical activity: textbook for postgraduate students of universities. 2nd edition, revised. M.: INFRA-M, 2011. 520 p.
3. Raizberg B.A. Dissertation and academic degree: guidelines for applicants. 9th edition, revised and amended. M.: INFRA-M, 2010. 240 p.
4. GOST R 7.0.11-2011 Thesis and thesis summary. Guidelines. 1. Ankudinov I.G. Basics of scientific research [Electronic resource]: textbook / I.G. Ankudinov, A.M. Mitrofanov, O.L. Sokolov. Electronic text. (863 KB). St.Petersburg: SOTU, 2002. URL: [http://elib.mubint.ru/lib/knigi/Osnovi\\_nauch\\_issled.pdf](http://elib.mubint.ru/lib/knigi/Osnovi_nauch_issled.pdf).
5. Ruzeavin G.I. Methodology of scientific knowledge. Textbook. M.: Unity-Dana, 2012 // <http://biblioclub.ru>.
6. Umnov V.S. Scientific research: theory and practice / V.S. Umnov, N.A. Samoilik. - Novokuznetsk: Kuzbass State Pedagogical Academy, 2010. 99 p. 2<sup>nd</sup> edition, revised [Electronic Resource]. - URL: <http://biblioclub.ru/index.php?page=book&id=88691>.
7. Cousin F.A. Candidate's dissertation [Electronic resource]: methods of writing, rules of design and protection / F.A. Kuzin. Electronic text. M.: AXE-89, 2003. URL: <http://www.kursach.com/biblio/0006001/000.htm>.
8. Useful links to help the graduate student (Portal of the Academy of MIBIHNT). URL: <http://portal.mubint.ru/elearning/aspirantura/Lists/Links/AllItems.aspx>. (authorized access).
9. Sabitov R.A. Basics of scientific research [Electronic resource]: textbook / R.A. Sabitov; Chelyabinsk State University. Electronic text. (2.83 MB). Chelyabinsk: Chelyabinsk State University, 2002. URL: [http://b.mubint.ru/lib/knigi/Onauch\\_issled\\_Sabitov\\_up.pdf](http://b.mubint.ru/lib/knigi/Onauch_issled_Sabitov_up.pdf).
10. GOST R 7.0.5-2008. Bibliographic link. General requirements and rules of compilation. GOST R 2.105-2019.
11. GOST 7.11-2004. Bibliographic entry. Abbreviation of words and phrases in European languages.
12. GOST 7.12-93. Bibliographic entry. Abbreviation of words in Russian. General requirements and rules.
13. GOST 7.1-2003. Bibliographic record. Bibliographic descriptions. General requirements and rules of compilation.

#### 4.1.3. Periodicals

Original articles and monographs on the topic of the dissertation recommended by the research advisor.

#### 4.2. Electronic educational resources

1. Zonal Scientific Library <http://library.urfu.ru/>
2. Library catalogs <http://library.urfu.ru/about/department/catalog/rescatalog/>
3. Electronic catalog <http://library.urfu.ru/resources/ec/>
4. Resources <http://library.urfu.ru/resources>
5. Search <http://library.urfu.ru/search>;
6. Electronic resources by subscription;
7. Russian electronic scientific library: <http://www.elibrary.ru>
8. Search engines for publications in Russian and international journals: <http://www.sciencedirect.com>, <http://www.ingentaconnect.com>

#### 4.3. Databases, information and reference and search systems

All postgraduate students have full Internet access to the following resources:

1. ScienceDirect: <http://www.sciencedirect.com>;



2. Web of Science: <http://apps.webofknowledge.com>;
3. Scopus: <http://www.scopus.com>;
4. Reaxys: <http://reaxys.com>;
5. EBSCO Discovery Service <http://lib.urfu.ru/course/view.php?id=141>;
6. Federal Institute of Industrial Property <http://www1.fips.ru>;
7. Smart search engine Nygma.RF <http://www.nigma.ru>.
8. Dissertation councils of UrFU <https://dissovet.urfu.ru/ru/glavnaja/>

#### **4.4. Software**

1. MicrosoftExcel.
2. InternetExplorer
3. Compas 8-12
4. MathCad 2014
5. Statistica 6
6. MicrosoftWindows7
7. MicrosoftOffice 2010
8. MicrosoftVISIO

### **5. LOGISTICS AND TECHNICAL SUPPORT OF THE DISCIPLINE**

#### **5.1. Information on specialized equipment and laboratory equipment**

The Ural Federal University provides laboratories, rooms for independent work, work places for collective and individual consultations, formative and interim attestation for the preparation of PhD dissertations by postgraduate students.