

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"

Graduate School of Economics and Management



APPROVED BY
Vice rector for science
A.V. Germanenko
11 2023

**PROGRAM OF TRAINING OF SCIENTIFIC AND SCIENTIFIC-PEDAGOGICAL
PERSONNEL (DOCTORAL PROGRAM)**



CHARACTERISTIC

MANAGEMENT

List of information about the doctoral program	Credentials
Doctoral Program <i>«Management»</i>	Code DP 5.2.6
Group of specialties <i>«Economics»</i>	Specialty group code 5.2.
Federal State Requirements (FSR)	Order of the Ministry of Science and Higher Education of the Russian Federation No. 951 dated 20.10.2021
Self-Approved Requirements (SAR)	Order "On the implementation of the "Requirements for the development and implementation of training programs for scientific and scientific-pedagogical personnel in the graduate school of UrFU" No 315/03 dated 31.03.2022

**Ykaterinburg
2023**

Characteristic is compiled by the authors:

No	Full name	Academic degree, academic title	Position	Department	Signature
1	Ludmila S. Ruzhanskaya	Doctor of Economics, Associate Professor	Head of the Department	Department of International Economics and Management	
2	Olga R. Belova	-	Senior Lecturer	Department of International Economics and Management	

Recommended:

by Ural Federal University Academic Council

Protocol No. 9 dated 27.11.2023

Director of School of Economics and Management



Irina D. Turgel

Agreed by:

Head of the Department of
Science and Pedagogical training



Elena A. Butrina

1. GENERAL CHARACTERISTIC

1.1. The characteristics of the doctoral program was developed on the basis of self-approved requirements (SAR) and the order of the rector "On the introduction of the "Requirements for the development and realization of training programs for scientific and scientific-pedagogical personnel in UrFU postgraduate studies" No. 315/03 dated 31.03.2022, describes general requirements for the results of mastering the program, corresponding to the characteristics of the future professional activity of the postgraduate, as well as the structure and conditions for the realization of the doctoral program.

1.2. List of regulatory documents:

- Federal Law No. 273-FZ of 29.12.2012 "On Education in the Russian Federation";
- Federal Law No. 127-FZ of 23.08.1996 "On Science and State Scientific and Technical Policy"
- Decree of the Government of the Russian Federation No. 2122 dated 30.11.2021 "On Approval of Regulations on the training of scientific and scientific-pedagogical personnel in graduate school (adjunct)";
- Order of the Ministry of Science and Higher Education of the Russian Federation No. 118 dated 02/24/2021 "On Approval of the Nomenclature of Scientific Specialties for which Academic Degrees are Awarded, and Amendments to the Regulations on the Council for the Defense of Dissertations for the Degree of Candidate of Sciences, for the Degree of Doctor of Sciences, approved by the Order of the Ministry of Education and Science of the Russian Federation dated 10 November 2017 No. 1093".
- Order of the Ministry of Science and Higher Education of the Russian Federation No. 951 dated 10/20/2021 "On approval of federal state requirements for the structure of training programs for scientific and scientific-pedagogical personnel in graduate school (adjunct), the conditions for their implementation, the timing of the development of these programs, taking into account various forms of education, educational technologies and the characteristics of certain categories of postgraduate students (adjuncts)";
- Regulations on awarding academic degrees in the Federal Autonomous State Educational Institution of Higher Education "Ural Federal University named after the First President of Russia B.N. Yeltsin" (Order No. 590/3 dated 07/19/2021);
- Requirements for the development and implementation of training programs for scientific and scientific-pedagogical personnel in the graduate school of UrFU (Order No. 315/03 dated 03/31/2022).

1.3. The doctoral program is coordinated with employers – social partners.

1.4. Form of study and duration of the doctoral program: *Full-time (3 years)*.

1.5. The volume of the doctoral program: *180 credit units*.

1.6. The main users of the doctoral program:

- employers;
- postgraduate students;
- teaching staff;
- administration and collective management bodies of the university.

1.7. Requirements for applicants:

Determined by the Rules for Admission to UrFU.

2. CHARACTERISTICS OF POSTGRADUATES PROFESSIONAL ACTIVITY

2.1. Field of professional activity of the postgraduate students

The field of professional activity of postgraduate student includes theory, methodology, modern management problems, patterns of public administration and organizational behavior, as well as relations regarding the management of organizations and their systems, decision-making mechanisms; applied problems of the functioning of organizations and economic systems in national and global economies.

The 5.2.6. Management program overall goal is to produce an original contribution to the body of knowledge in management in form of a written dissertation. Therefore, learners will be taught and trained to apply the most advanced and specialized skills and techniques, including synthesis and evaluation, to solve a research problem and to extend and redefine existing knowledge. Learners will develop

competences at the forefront in study including the demonstration of substantial authority in their field of study, the promotion of social, scientific, and ethical advancement, innovation, autonomy, and scholarly integrity, and sustained commitment to the development of new ideas or processes.

The postgraduate will be able to carry out professional activities in enterprises and organizations:

- in institutions of higher education;
- in state and local government bodies;
- research institutes;
- in commercial and non-profit organizations.

2.2. Objects of professional activity of the postgraduate

The objects of professional activity of postgraduates are applied problems of functioning of various economic agents, markets and systems; relations arising about the management of organizations and within the framework of the implementation of state and municipal management processes.

2.3. Types and tasks of the postgraduate's professional activity

The postgraduate student prepares for the following types and tasks of professional activity (Table 1):

Table 1. List of types of professional activity and their corresponding professional tasks

No	Type (types) of professional activity (TPA)	Professional tasks (PT)
1	<p>Research activity in the field of economics:</p> <ul style="list-style-type: none"> - fundamental research in the field of theory and methodology of management as a science; - study of modern management problems, patterns of internationalization and globalization of economic relations, - study of mechanisms for regulating economic relations at the national, regional and global levels. 	<p>Research activity in the field of economics:</p> <ul style="list-style-type: none"> - development of research programs; - collection, processing, analysis and systematization of information on the research topic, selection of methods and means of solving research problems; - development of models of the studied processes, phenomena and objects related to the field of professional activity, evaluation and interpretation of the results obtained; - organization and conduct of scientific research, including statistical surveys and surveys.
2	<p>Teaching activity:</p> <ul style="list-style-type: none"> - development of training courses in the fields of professional activity, including on the basis of the results of theoretical and empirical research, including the preparation of methodological materials, textbooks and textbooks; - teaching of economic disciplines and educational and methodological work in the fields of professional activity; conducting research work in an educational organization, including the management of students' research work. 	<p>Teaching activity:</p> <ul style="list-style-type: none"> - study of domestic and foreign experience of pedagogical activity in the field of economics; - conducting the educational process using modern pedagogical technologies; - development of author's training programs, methods and various forms of training; - development of various forms of control and various scales of assessment of students' knowledge.

3. STRUCTURE OF THE DOCTORAL PROGRAM

3.1. The structure of the doctoral program includes three components: scientific and educational components, final certification (Table 2).

Table 2. Components of the doctoral program

No	The name of the components of the doctoral program and their components	Form of evaluation
1	<i>Scientific component</i>	
1.1	The scientific activity of a postgraduate student aimed at preparing a dissertation for the degree of Candidate of Sciences (hereinafter - the dissertation) for defense	Intermediate attestation of research
1.2	Preparation of publications in which the main scientific results of the dissertation are presented, in peer-reviewed scientific publications, in scientific publications equivalent to them, indexed in the international databases Web of Science and Scopus and international databases determined in accordance with the recommendation of the Higher Attestation Commission under the Ministry of Science and Higher Education of the Russian Federation, as well as in scientific publications indexed in the scientometric database Russian Science Citation Index (RSCI) and (or) applications for patents for inventions, utility models, industrial designs, selection achievements, certificate of state registration of programs for electronic computers, databases, integrated circuit topologies	
2	<i>Educational component</i>	
2.1	Disciplines aimed at preparing and passing candidate exams: - History and philosophy of science - Foreign language; - Special discipline (Management)	Intermediate attestation based on the results of studying disciplines and internship
2.2	Electives: - Scientometrics and modern information and communication technologies in science - Higher school pedagogy; - Other disciplines (if available).	
2.3	Optional subjects (if available)	
2.4	Internship: - Pedagogical internship.	
3	<i>Final attestation</i>	Evaluation of the dissertation for compliance with the requirements of Federal Law No. 127-FL dated 23.08. 1996 "On Science and State Scientific and Technical Policy"

4. CONDITIONS FOR THE IMPLEMENTATION OF THE DOCTORAL PROGRAM

The University takes into account its material and technical resources, which are owned or legally obtained, for scientific activities, when developing a doctoral program. These resources include research infrastructure that supports the implementation of the doctoral program and allows for fundamental, exploratory, and applied scientific research. The University also engages in educational activities that contribute to the development of postgraduate students' skills and knowledge.

Each postgraduate student during the entire period of study is provided with individual unrestricted access to the electronic information and educational environment of the University from any point in which there is access to the information and telecommunications network "Internet" (hereinafter referred to as the "Internet"), both on the territory of the University and outside it.

The electronic information and educational environment of the university provides:

- access to curricula, work programs of disciplines and internship, electronic educational publications and electronic educational resources specified in the work programs of disciplines and internship;
- formation of the student's electronic portfolio;
- functioning of the electronic service "Personal account of a postgraduate student". In the case of the implementation of the doctoral program with the use of distance learning technologies, the electronic information and educational environment additionally provides:
 - recording the progress of the educational process, the results of intermediate certification and the results of mastering the doctoral program;
 - conducting all types of training sessions, procedures for evaluating learning outcomes, the implementation of which is provided with the use of e-learning, distance learning technologies;
 - interaction between participants of the educational process, including synchronous and (or) asynchronous interaction via the Internet.

The functioning of the electronic information and educational environment is ensured by appropriate means of information and communication technologies and the qualifications of employees who use and support it. The functioning of the electronic information and educational environment complies with the legislation of the Russian Federation.

4.1 Requirements for material, technical, educational and methodological support of the doctoral program

The premises are classrooms and laboratories for carrying out scientific research, conducting classes of all types provided for by the doctoral program, equipped with equipment and technical means of training, the composition of which is determined in the work programs of disciplines, scientific research.

The premises for independent work of students are equipped with computer equipment with the ability to connect to the Internet and provide access to the electronic information and educational environment of the university.

The University is provided with the necessary set of licensed software (the composition is determined in the work programs of disciplines, scientific research and is subject to annual updating if necessary).

The provision rate of educational activities with educational publications is determined based on the calculation of at least one educational publication in printed and (or) electronic form, sufficient for mastering the doctoral program, for each postgraduate student in each discipline included in the individual work plan.

Postgraduate students are provided with access (remote access), including in the case of e-learning, distance learning technologies, to modern teaching materials, library collections and library reference systems, professional databases and information reference systems, the composition of which is determined in the work programs of disciplines and is subject to updating (if necessary).

4.2 Requirements for the personnel conditions for the implementation of the doctoral program

The implementation of the doctoral program is provided by the scientific and pedagogical staff of the university, as well as persons involved in the implementation of the doctoral program on the terms of a civil contract.

The qualification of teaching staff meets the qualification requirements specified in the qualification reference books and (or) professional standards (if any).

The qualitative and quantitative composition of teaching staff involved in the implementation of the doctoral program and persons involved in the implementation of the doctoral program on the terms of a civil contract (based on the number of replacement rates reduced to integer values) is determined by the developer of the educational program, based on the need to achieve the indicator: at least 60% of the number of full-time scientific and (or) scientific and pedagogical workers involved in the implementation of the doctoral program must have an academic degree (including an academic degree, obtained in a foreign state and recognized in the Russian Federation) and (or) an academic title (including an academic title obtained in a foreign state and recognized in the Russian Federation).

The scientific supervisor of the postgraduate student has a PhD degree, or in some cases, by the decision of the University, a PhD degree, or an academic degree obtained in a foreign country recognized in the Russian Federation; carries out scientific activities or participates in the implementation of such activities in the relevant field of research within the scientific specialty for the last 3 years; has publications on the results of implementation of the specified activity in peer-reviewed domestic or foreign publications; performs approbation of the specified activity, including participation with reports on the subject of scientific activity at Russian and international conferences over the past 3 years.

Scientific supervisors of postgraduate students are appointed and manage postgraduate students in accordance with clause 8 of the "Regulations on the training of scientific and scientific-pedagogical personnel in graduate school (adjunct)", approved by Decree of the Government of the Russian Federation No. 1222 dated 30.11.2021.

4.3 Additional staffing requirements

The qualification requirements of the teaching staff involved in the implementation of the disciplines (modules) of the program implemented in English are established in the educational program, taking into account clause 6.3 "Regulations on the assignment of the status of "English-speaking" and the implementation of programs for the training of scientific and pedagogical personnel in graduate school in English" (Rector's Order No. 15.10.2018 811/03).

The scientific consultant has a PhD degree, or a PhD degree, or an academic degree obtained in a foreign country recognized in the Russian Federation.

4.4 Requirements for the financial support of the doctoral program

Financial support for the implementation of the doctoral program is carried out in an amount not lower than the basic standard costs established by the Ministry of Science and Higher Education of the Russian Federation for the provision of public services in the field of education for this level of education and training direction, taking into account the correction coefficients, taking into account the specifics of educational programs in accordance with the Methodology for determining the standard costs for the provision of public services for the implementation of educational programs of higher education in specialties (areas of training) and enlarged groups of specialties (areas of training), approved by Order of the Ministry of Education and Science of the Russian Federation No. 1272 dated October 30, 2015 (registered by the Ministry of Justice of the Russian Federation on November 30, 2015 G., registration number 39898).

4.5 Requirements for the applied mechanisms for assessing the quality of educational activities and training of students in the doctoral program

The quality of educational activities and training of students under the doctoral program is determined within the framework of an internal evaluation system, as well as an external evaluation system on a voluntary basis.

In order to improve the doctoral program, the university, when conducting a regular internal assessment of the quality of educational activities and training of students under the doctoral program, attracts employers and their associations, other legal entities and (or) individuals, including university teaching staff.

Within the framework of the internal system for assessing the quality of educational activities and training of students under the doctoral program, students are given the opportunity to assess the conditions, content, organization and quality of the educational process as a whole and individual disciplines (modules), internship and scientific research.

External assessment of the quality of educational activities and training of students under the doctoral program is carried out within the framework of professional and public accreditation conducted by employers, their associations, as well as organizations authorized by them, including foreign organizations, or authorized national professional and public organizations that are part of international structures, in order to recognize the quality and level of training of postgraduates who have mastered the

doctoral program, meeting the requirements of professional standards (if any), the requirements of the labor market for specialists of the relevant profile.

5. PROVISION OF INCLUSIVE EDUCATION FOR PERSONS WITH DISABILITIES AND THE DISABLED

To ensure inclusive education for people with disabilities and the disabled, the doctoral program implements adaptive learning conditions.

6. EVALUATION OF THE RESULTS OF MASTERING THE DOCTORAL PROGRAM

The planned results of the development of the educational program are formed in stages within the modules (if any) and their constituent disciplines. The formation of learning outcomes is distributed according to the disciplines of the educational program (Table 3).

Table 3. Formation of learning outcomes by disciplines

Disciplines and learning activities	Learning outcomes				
	Ability to identify and systematize the main ideas in scientific texts; critically evaluate any incoming information, regardless of the source of information; avoid automatic application of standard formulas and techniques in solving management tasks	Ability to apply modern methods, tools and technologies of research and project activities in the field of management	The ability to analyze, organize and assimilate the best practices of scientific research and to formalize the results of scientific research in publications, including those received personally by students in peer-reviewed scientific publications; to substantiate the author's contribution to the research, to evaluate its scientific novelty and practical significance	The ability to understand the main range of problems (tasks) encountered in the field of management, and the main problems, to make effective management decisions	Ability to develop educational programs in management based on a competent approach, a modular principle, a system of credit units; to select and use optimal methods of educating and evaluating students' academic performance
History and philosophy of science	X	X	X		X
Foreign language		X	X	X	X
Management	X	X	X	X	X
Higher school pedagogy		X	X	X	X
Pedagogical internship	X	X	X	X	X
Scientific research activities and preparation of a dissertation for the Candidate of Sciences degree	X	X	X	X	X
Submission of a dissertation for the Candidate of Sciences degree for defense (pre-defense)	X	X	X	X	X