

Ministry of Science and Higher Education of the Russian Federation
Autonomous Educational Institution of Higher Education
"SIBERIAN FEDERAL UNIVERSITY"



УТВЕРЖДАЮ

Проректор по учебной работе

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**Educational program of
higher education - training program for
academic and scientific-pedagogical staff in postgraduate school**

The group of scientific specialties
5.2 Economics.

scientific specialty
5.2.3 Regional and Sectoral Economy (Environmental Economics)

Educational plan
Full-time

Krasnoyarsk 2024

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1. General characteristics of the postgraduate program

1.1. Description of the purpose and objectives of the postgraduate program:

5.2 Economics

5.2.3 Regional and Sectoral Economy (Environmental Economics)

The purpose of the postgraduate program 5.2.3 Regional and Sectoral Economy (Environmental Economics) is to train highly qualified academic and scientific-pedagogical personnel for science, education, and the national economy. The postgraduate program is implemented by the University in order to create conditions for postgraduate students to conduct scientific research, prepare a dissertation work and submit it for final certification

. The main objectives of the postgraduate program include:

- development of skills for independent research and teaching activities;
- in-depth study of the theoretical and methodological foundations of scientific fields;
- improvement of philosophical education, including professional-oriented education;
- improving knowledge of a foreign language, including the application in professional activities.

1.2 The period of mastering the postgraduate program: 3 years.

1.3 When implementing the PhD program 5.2.3 Regional and Sectoral Economy (Environmental Economics), e-learning and distance learning technologies are not used.

The implementation of the postgraduate program is not carried out in a network form.

Educational activities under the postgraduate program 5.2.3 Regional and Sectoral Economy (Environmental Economics) is carried out in the state language of the Russian Federation, unless otherwise specified by the local regulatory act of the organization.

The implementation of the postgraduate program can, if necessary, be adapted for the disabled and people with disabilities.

1.4 Requirements for the level of training required for mastering the postgraduate program.

Persons wishing to master the postgraduate program in this specialty of scientists (hereinafter referred to as scientific specialty) must have a state document confirming the qualification of a “graduated specialist” or “master”.

Persons with higher professional education are admitted to graduate school based on the results of passing entrance exams on a competitive basis. By decision of the examination committee, persons with achievements in research activities reflected in scientific publications may be granted the right of priority enrollment.

A disabled applicant must have an individual program for the rehabilitation of a disabled person with a recommendation for training in this scientific specialty, containing information on the necessary special conditions for training, as well as information on the recommended conditions and types of work.

An applicant with disabilities must have a conclusion of the psychological-medical-pedagogical commission with a recommendation for training in this scientific specialty), containing information about the necessary special conditions for training.

2. Requirements for the structure of the postgraduate program

Program in direction 5.2.3 Regional and Sectoral Economy (Environmental Economics) includes: a plan of scientific activity, curriculum, calendar or study schedule, work programs of disciplines (modules) and internship, as well as intermediate certification and final certification.

This makes it possible to implement postgraduate programs with different scientific specialties within the same group of scientific specialties.

The postgraduate program consists of the following blocks:

1. "Scientific component"
2. "Educational component"
3. "Final assessment"

Table 1 - Structure of the PhD Program

#	Name of the components of the PhD program
1	Scientific component
2.	Postgraduate activities aimed at preparing a dissertation for defense
1.2	Preparation of publications and (or) applications for patents for inventions, utility models, industrial designs, selection achievements, certificates of state registration of programs for electronic computers, databases, topologies of integrated circuits
1.3	Intermediate assessment or crediting for stages of scientific research
2	Educational component
2.1	Disciplines (modules), including elective, optional disciplines (modules) (if they are included in the postgraduate program and (or) aimed at preparing for the candidate's examinations)
2.2	Academic / Pedagogical internship
2.3	Intermediate certification based on the disciplines (modules) and internship
3	Final assessment

Block 1. The scientific component includes:

- scientific activity aimed at preparing a dissertation for defense;
- preparation of publications and (or) applications for patents for inventions, utility models, industrial designs, selection achievements, certificates of state registration of programs for electronic computers, databases, topologies of integrated circuits;
- intermediate assessment for the stages of scientific research.

Block 2. The educational component includes:

- disciplines (modules), including elective, optional disciplines (modules), if they are included in the postgraduate program. Disciplines aimed at preparing for

the candidate's examinations are mandatory for mastering by postgraduate students, regardless of the scientific specialty of postgraduate study, which they are mastering. The "Internship" section includes pedagogical internship, which is mandatory. It can be carried out in the structural divisions of the organization. Postgraduate students have the right to practice teaching at their place of work if the postgraduate student teaches at a school, college or higher educational institution.

For persons with disabilities, the choice of practice sites should take into account the state of health and accessibility requirements.

- Intermediate assessment in disciplines (modules) and practice.

Block 3.

The final assessment for postgraduate programs includes the submission of a dissertation work, an abstract. The final attestation is carried out in the form of an assessment of the dissertation for its compliance with the criteria established in accordance with the Federal Law of August 23, 1996 No. 127-FZ "On Science and State Scientific and Technical Policy".

3. The scientific component of the postgraduate program

The scientific component of the postgraduate program includes the scientific activity of a postgraduate student aimed at preparing a dissertation for the defense of a candidate of science degree, preparing publications that present the main results of the dissertation, as well as intermediate assessment according to the stages of scientific research.

The plan of scientific activity is developed by the graduate student together with the supervisor. The plan includes: an

- approximate plan for the implementation of scientific research,
- a plan for preparing a dissertation and publications that set out the main scientific results of the dissertation,
- list of stages for mastering the scientific component of the postgraduate program, and the distribution of these stages.

The plan of scientific activity is given in Appendix 1.

4. Educational component of the PhD program

4.1 Curriculum.

The educational component of the curriculum of the postgraduate program includes disciplines (modules) and practical internship, as well as intermediate assessment in the specified disciplines (modules) and internships.

The structure of the educational component is 18 credit units (hereinafter - credits):

1. 2 credits History and Philosophy of Science
2. 2 credits Foreign language
3. 3 credits Subject on Specific chosen scientific area

4. 3 credits Pedagogical internship
5. 2 credits Research workshop
6. 2 credits Methodology of scientific research in economics and registration of the results of scientific activity
7. 2 credits Application of econometric methods in scientific research

Optional course:

8. 3 credits Preparation of grant applications for Russian and international competitions and programs

The curriculum is given in Appendix 2.

4.2. Calendar study schedule.

The calendar of academic study schedule is given in Appendix 3.

4.3. Syllabi of disciplines (modules) included.

The syllabi of all disciplines (modules) of the educational component and pedagogical internship are presented in Appendix 4.

4.4. Internship syllabus.

The syllabus of teaching practical internship is presented in Appendix 5.

5. Actual resource support of the postgraduate program

1. Staffing.

The qualifications of scientific and pedagogical workers involved in the training and scientific supervision of graduate students meet the requirements of the Federal State Requirements for the training of highly qualified personnel in direction or area 5.2 "Economics".

The share of scientific and pedagogical workers with a scientific degree in the total number of scientific and pedagogical workers implementing the postgraduate program in the field 5.2 "Economics" is at least 90%.

2. Logistics.

The university and the departments implementing the main educational program have all the facilities to ensure the conduct of all types of disciplinary and interdisciplinary training, practical and research activities of postgraduate students, provided for by the curriculum for training a postgraduate student in field 5.2 "Economics", and corresponding to the current sanitary and fire regulations and norms.

When using electronic publications, the university provides each student during self-study with a workplace in a computer class and / or library in accordance with the volume of disciplines studied, including Internet access.

The material and technical background include:

- lecture halls (equipped with modern video projection equipment for presentations, sound reproduction systems, a screen and Internet access);
- premises for seminars and practical classes (equipped with multimedia resources and transformable educational furniture);
- classrooms for foreign language classes (equipped with language equipment);
- a library (which has workplaces for students, equipped with computers with access to databases, a local network of the university and the Internet);
- computer classes in total for 100 seats;
- virtual laboratories based on the Network software and hardware complex of educational laboratories of the Siberian Federal University: CPM, BI, ERP, CRM, project management, case-tools.

The specification of the resource support of the main educational program for each discipline of the curriculum is carried out in the programs of disciplines and practices.

3. Scientific potential

The postgraduate program is implemented by employees of scientific and educational laboratories and departments that carry out scientific (research) activities, including fundamental, exploratory and (or) applied scientific research, and have scientific potential in the relevant scientific specialties.

6. Final assessment

As a result of mastering the postgraduate program, a graduate student must complete the scientific, educational components and enter the final assessment stage by submitting a dissertation and an abstract. The final certification for postgraduate programs is carried out in the form of dissertation evaluation for its compliance with the criteria established in accordance with the Federal Law of August 23, 1996 No. 127-FZ “On Science and State Scientific and Technical Policy”:

http://www.consultant.ru/document/cons_doc_LAW_152458/8af0961a8a1cae81e691dc69dc02108292933253/

Final assessment is mandatory. The university gives an opinion on the compliance of the dissertation with the established criteria. The conclusion form is presented at the following link: <https://base.garant.ru/71825906/d8b01b57742d3a84cbe3048d71fc60a9/>

A postgraduate student who has successfully passed the final attestation for the postgraduate program, no later than 30 calendar days from the date of the final assessment, is issued a conclusion and a certificate of completion of the postgraduate study.