Education Institution
«Belarusian State Pedagogical University named after Maxim Tank»

APPROVED
Vice-Rector for Academic Affairs
_____ A. V. Makovchik
_____ 2023
Registration No. 10-03-559-2023/уч.

RESEARCH SEMINAR

Academic programme of the higher education institution for the specialty 7-06-0114-02 Educational Management

2023

The academic programme is developed in accordance with the advanced higher education standard for the specialty 7-06-0114-02 Educational Management and the curriculum for the specialty 7-06-0114-02 Educational Management No. 120-2023/ya as of 21.06.2023.

COMPILED BY:
Artemenok E.N., PhD in Education, Associate Professor, Associate Professor of the Department of Pedagogy, Faculty of Social and Pedagogical Technologies of the Belarusian State Pedagogical University named after Maxim Tank

RECOMMENDED FOR APPROVAL BY:
The Department of Pedagogy of the Faculty of Social and Pedagogical Technologies, BSPU
(Minutes No. 14 as of 30.05.2023)
Head of the Department _____ S.N.Sirenko

Scientific and Methodological Council of the education institution «Belarusian State Pedagogical University named after Maxim Tank»
(Minutes No. 7 as of 11.07 2023)

The format of the programme and accompanying materials corresponds to the current requirements of the Ministry of Education of the Republic of Belarus

Methodologist of the
Master's Studies Department _____ A.M.Kondybailo

Explanatory note

The research seminar is aimed at developing practical skills in organizing scientific, research and methodological work among postgraduates in the specialty 7-06-0114-02 Educational Management; searching, studying, creating, implementing and evaluating innovations in the field of pedagogical management and education.

The ***goal*** of the research seminar is to create conditions for the development of a holistic system of knowledge and methods of research activity among undergraduates, as well as the formation of personality traits with a culture of pedagogical research.

The objectives of the research seminar are:

– to enrich master's students with theoretical and technological knowledge, as well as competencies in the field of management of educational processes based on research activities;

– to develop among postgraduates the skills and methods of scientific and research activities in the field of educational management;

– to form among master's students the culture of pedagogical research that ensures the success of their professional activities, as well as in writing and defending their master's thesis.

The seminar, in accordance with the specialty curriculum, is included in the component of a higher education institution as the part of Module 2.1. "Scientific Foundations of Educational Management." The seminar, along with the academic disciplines "Management of the Education Institution" and "The Global Market for Educational Services" is aimed at developing the components of the culture of pedagogical research. The seminar, by involving postgraduates in solving practical problems, deepens their understanding of research activities in the field of educational management together with the educational disciplines of the state component: "Methodology of Pedagogical Research" and "Pedagogical Experimentation in Modern Socio-Cultural Context".

The seminar implements the idea of the practice-oriented and individualized nature of advanced higher education. It is aimed at introducing the master's student in the study of problems of educational management in close connection with the master's research.

Requirements for the developed competencies. The research seminar ensures the formation of *universal competencies* among undergraduates:

– AC-1. To apply methods of scientific knowledge in research activities, generate and implement innovative ideas;

– AC-6. To be able to predict the conditions for the implementation of professional activities and solve professional problems in conditions of uncertainty.

The research seminar is designed to stimulate interest in pedagogical research, to form generalized algorithms for postgraduates in scientific research, the creation of pedagogical innovations, their implementation in the educational process, as well as in the presentation and reflection of research results.

The research seminar involves the implementation of individual trajectories of students, as it is carried out on the basis of an individual programme developed jointly with the scientific supervisor (Appendix 1). The individual programme of the seminar is related to the implementation of master's research, research and teaching practice programmes, as well as the mastery of academic disciplines provided for in the curriculum of specialty 7-06-0114-02 Educational Management.

An individual programme can be implemented on the basis of institutions of basic, additional and special education, if this involves master's research.

The master's student, during the course of training and implementation of the individual programme, participates in scientific, methodological, educational activities conducted by the structural unit (Department, Service Courses Department) to which he is assigned for the purpose of writing a master's thesis and developing the above competencies.

Master's students are required to comply with the internal regulations of the education institution, which ensures the development of an individual seminar programme.

The consideration of various aspects of research activities is facilitated by differentiation, individualization of tasks, personification of work with postgraduates based on individual educational needs and the level of their educational capabilities. Productive in this aspect are the following forms: scientific consulting, preparation of publications, tutoring, coaching, participation and organization of webinars, competitions, festivals, as well as project, experimental and innovative activities; participation in research competitions; carrying out independent research on the topic of the master's thesis. This may be the participation of a master's student in scientific and scientific-practical conferences at various levels, in round tables and discussions, research within the framework of the National Scientific Research Laboratory and research work carried out by the Department's staff and a higher education institution.

The programme presents an approximate thematic plan for a research seminar based on the cultural-praxeological concept of training specialists in the humanities eras. However, the content of topics may vary depending on the individual educational trajectory of the postgraduate.

In accordance with the requirement of the educational standard of the specialty: 7-06-0114-02 Educational Management, after completing the Research Seminar programme, *a master's student must* ***know***:

– main stages of planning and implementation of a master's thesis;

– technology of preparing master's research;

– methods of working with scientific literature and sources;

– technology of preparing scientific publications and forms of participation in conferences;

–the rules of scientific public speaking.

A master's student must ***be able to:***

– carry out scientific research;

–identify the relevance and formulate the problem of research in the field of educational management;

– create innovation in the field of educational management;

– carry out pedagogical research on the topic of the master's thesis;

– use methods of testing and implementation of original developments in the field of educational management;

– carry out assessment and reflection of research activities.

A master's student must ***have a command of****:*

– the culture of scientific discussion;

– the culture of pedagogical research;

– skills of examining the results of pedagogical research in relation to copyright compliance;

– skills in presenting research results;

– skills in preparing a master's thesis for defense.

In total, the research seminar for the specialty 7-06-0114-02 Educational Management in full-time and part-time forms of education is designed for 180 hours of extracurricular work, of which 90 hours are allocated in the 1st semester and 90 hours - in the 2nd semester.

The supervisor provides scientific and methodological assistance, consulting, direct guidance and control over the work of the master's student.

Interim certification is carried out in the form of a **test** by the supervisor of the master's programme in accordance with the curriculum of the specialty in the 1st and 2nd semester.

The credit is awarded for positive results in mastering the research seminar programme based on the Master's student's report which contains the assessment of the supervisor (Appendix 2).

The study load of the discipline is 6 credit units.

CONTENT OF THE RESEARCH SEMINAR

Topic 1. Main stages of planning and implementation of a master's thesis

At the kick-off meeting or conference, the purpose and objectives of the research seminar are identified.

The content of the individual seminar programme is determined in accordance with the individual plan and research topics of the master's student. (Appendix 1.)

Cultural, historical, socio-cultural and cultural-praxeological context of scientific research activities.

Designing the stages of completing a master's thesis in the logic of scientific research and innovation. Content and characteristics of the stages: search for information and analytical-critical stage; model-projective and normative-constructive stage; programme-scenario and organizational-managerial stage; experimental-evaluative and design-translational stage.

Topic 2. Scientific search. Relevance and problematization of research in the field of educational management

Theoretical and empirical prerequisites for formulating the research problem. Types of relevance.

Typical, generalized problems of the object domain - educational management. Search for sources of contradictions in pedagogical reality. Formulation of the research problem.

Object and subject of master's research.

Innovations as an effective form of managing the development of educational processes and systems. Review of innovations in educational management.

The purpose, objectives and hypothesis of the study as the main directions of the postgraduate's research activities.

Topic 3. Technology of conducting master's research

Creating innovations in educational management

Scientific knowledge as a system. Creation of the structure of the master's research and the sequence of writing the text of the work.

The context for studying and creating innovations in the field of educational management. Methodology of pedagogy and levels of educational management. Modeling of the process under study. Development of a thesaurus and definition of basic research concepts. Selection of research methods.

Characteristics of innovations in the field of educational management.

Structural parts of the master's study.

Topic 4. Working with scientific literature and sources

Translation of information into scientific knowledge.

Method of sign retrospection.

Translation of information into scientific knowledge. Information flow. Scientific electronic libraries. Library recommendation services. Repositories.

Identification of sources of information, their systematization. Drawing up a conceptual framework of research. Obtaining and studying scientific sources (annotating and abstracting). Generalization of collected data (systematization of information and critical analysis). Compiling an analytical review of the literature.

Preparation of a bibliographic list of references.

Topic 5. Preparation of scientific publications and participation in conferences. Culture of scientific discussion

Types of publication activity of the researcher. Forms of participation in scientific discussion. Forms of scientific events for presentation and discussion of current issues. Types of conference. Conference methodology.

Types and rules of scientific discussion. Structure of scientific discussion. Techniques of argumentation and rules for verification and falsification of arguments in scientific discussion. Ethical standards for conducting scientific disputes.

Preparing to speak at a scientific event. Characteristics of a scientific report: consistency, generality, comprehensiveness and validity.

Structure of a scientific publication: formulation of the problem, knowledge and the authorial assessment of the state of the problem under study, possible hypotheses for solving the problem, the authorial argumentation in connection with the chosen problem, practical results of applying the authorial approach, conclusions, list of references. Syntactic constructions characteristic of the scientific style of speech.

Topic 6. Culture of pedagogical research

Anti-plagiarism and copyright in educational research.

The essence of the phenomenon "culture of pedagogical research". The semantic scales of culture: from the culture of the individual, the culture of research, the culture of society (era). Forms of innovation activity. The positions of "researcher", "problematizer", "designer", "programmer", "experimenter", "methodologist", "manager" and "writer".

Expert assessment of the originality of texts reflecting the research results. Anti-plagiarism system. Copyright. The art of quoting and citing sources.

Topic 7. Research and practical part of the master's thesis

Life cycles of pedagogical innovations: from scientific activity to practical activity. The level of scientific and practical significance of master's research.

Development and implementation of a programme of pedagogical experiment in the field of educational management. General heuristics of research and characteristics of actions: conducting scientific research, creating an innovation, implementing an innovation, reflecting on an innovation.

Creation of diagnostic tools (questionnaires, tests) for research. Digital tools for increasing the efficiency of research activities in the management of educational processes.

Topic 8. Approbation and implementation of original developments in the field of educational management

Approbation as a critical assessment of the conducted scientific research by the scientific community. Forms of approbation: publication activity, participation in scientific conferences, symposia, speeches at Department meetings, participation in various types of events of the scientific community. Degree of approbation and implementation of research results.

Modern requirements for authorial developments. Types of copyright developments. Act on implementation of results: types and content. Requirements and rules for drawing up an Act on the implementation of the results of master's research.

Topic 9. Presenting research results

Reflection on research activities.

Experimental-evaluative and design-translation stages of the study. Creation of data summary tables for analysis and visualization. Visualization of research results. Digital data visualization tools.

Regulations on the procedure of preparing and submitting a master's thesis for defense.

Preparing general characteristics of the work. Drawing up the provisions of the master's research submitted for defense. Rules of formulation in accordance with the objectives of the study.

Rules of writing the introduction, findings and conclusion of a master's thesis.

Recommendations for compiling appendices in a master's thesis. Scientific novelty of the research.

Standard control in accordance with the requirements for the design of the master's research text.

Topic 10. Rules of scientific public speaking. Preparing for defending a master's thesis

Report on the defense of the master's thesis. Scientific public speaking. Characteristics of a high-quality report: logic, consistency, reasoned justification of the chosen research methods, compliance with time regulations. Culture and conciseness in answering questions.

Preparing a report and presentation. Creating a presentation showing the results of the master's research.

Admission of the master's thesis to defense. The procedure of reviewing master's research.

Defense and evaluation criteria of a master's thesis.

INFORMATION AND METHODOLOGICAL SECTION

List of basic literature:

1. Артеменок, Е. Н. Стратегический и инновационный менеджмент в образовании [Электронный ресурс] : электрон. учеб.-метод. комплекс / Е. Н. Артеменок // СДО Moodle / Белорус. гос. пед. ун-т. – Режим доступа: https://bspu.by/moodle/course/view.php?id=2271. – Дата доступа: 15.05.2023.

2. Диагностика компетентности педагога в реализации воспитательного потенциала образования : метод. рекомендации / А. В. Торхова [и др.] ; Белорус. гос. пед. ун-т. – Минск : БГПУ, 2022. – 156 с.

3. Снопкова, Е. И. Методология и методы педагогического исследования : учеб. пособие для студентов учреждений высш. образования / Е. И. Снопкова, Е. А. Ярошевич ; Могилев. гос. ун-т. – Могилев : МГУ, 2019. – 208 с.

List of additional literature:

1. Бережнова, Е. В. Основы учебно-исследовательской деятельности : учеб. пособие / Е. В. Бережнова, В. В. Краевский. – 10-е изд., стер. – М. : Академия, 2015. – 124 с.

2. Берков, В. Ф. Логика и методология диссертационного исследования : учеб. пособие для магистрантов и аспирантов учреждений высш. образования / В. Ф. Берков. – Минск : Респ. ин-т высш. образования, 2015. – 179 с.

3. Загвязинский, В. И. Исследовательская деятельность педагога : учеб. пособие для студентов вузов / В. И. Загвязинский. – 3-е изд., стер. – М. : Академия, 2010. – 173 с.

4. Лаптев, В. В. Современные диссертационные исследования в сфере образования: гуманитарные основания оценки качества : науч.-метод. материалы для рук. и науч.-пед. работников вузов / В. В. Лаптев, С. А. Писарева. – СПб. : Кн. дом, 2008. – 220 с.

5. Лельчицкий, И. Д. Диссертационные исследования по педагогическим наукам: анализ тематики / И. Д. Лельчицкий, Н. С. Пурышева, А. П. Тряпицына // Педагогика. – 2017. – № 3. – С. 37–48.

6. Новиков, А. М. Как работать над диссертацией : пособие для начинающего педагога-исследователя / А. М. Новиков. – 4-е изд., перераб. и доп. – М. : Эгвес, 2003. – 104 с.

7. О проведении педагогического эксперимента по теме диссертации [Электронный ресурс] : положение : утв. 14 янв. 2016 г. // Белорусский государственный педагогический эксперимент имени Максима Танка. – Режим доступа: https://bspu.by/admin-panel/vendor/kcfinder/upload/files/2017/10.2017/ped_experiment.PDF. – Дата доступа: 25.03.2023.

8. Пунчик, В. Н. Атлас педагогического моделирования / В. Н. Пунчик. – Минск : Респ. ин-т высш. шк., 2023. – 115 с.

9. Систематика терминологического аппарата педагогики в условиях парадигмальных изменений как фактор обновления содержания педагогического образования : монография / А. И. Жук [и др.] ; Белорус. гос. пед. ун-т ; под науч. ред. А. В. Торховой, О. Б. Даутовой. – Минск : БГПУ, 2019. – 306 с.

10. Торхова, А. В. Развитие тезауруса педагогики в диссертационных исследованиях / А. В. Торхова // Адукацыя і выхаванне. – 2022. – № 1. – С. 58–64.

Approximate thematic plan
Research Seminar

No.	Name of topics	Number of hours	
		1st semester	2nd semester
1.	Main stages of planning and writing a master's thesis	18	
2.	Scientific search. Relevance and problematization of research in the field of educational management	18	
3.	Technology of conducting master's research	18	
4.	Creating innovations in the field of educational management	18	
5.	Working with scientific literature and sources. Translation of information into scientific knowledge	18	
6.	Preparing scientific publications and participation in conferences		18
7.	Culture of scientific discussion		18
8.	The culture of pedagogical research		18
9.	Anti-plagiarism and copyright in educational research		18
10.	Research and practical part of the master's thesis		18
		90	90
	Total	**180**	

APPLENDICES

Appendix 1

INDIVIDUAL PROGRAMME
OF THE RESEARCH SEMINAR

from ____ to _____ 20__

№	The content of the work	Deadlines
1	Inception meeting in the form of a round table	September 20__
2		_. 09.20__
3	Development of an individual programme of a research seminar taking into account the topic of the master's research	
4		
5		
6		
7		
8		
	Preparing a report on the implementation of an individual research seminar programme	
	Final seminar-conference	
	Evaluation of master's student's work	

Appendix 2

REPORT

of the master's student of the _____ group studying in the specialty 7-06-0114-02 Educational Management (_____ form of study)

_____

Full Name

The research seminar took place from ____ to _____ 20__.

During the reporting period, in accordance with the individual plan of writing a master's thesis and taking into account the individual programme of the research seminar, the following work was completed:----------;

1. ----------;
2. ----------;
3. ----------;
4. ----------;
5. ----------;
6. ----------;

----------;

I completed the programme of the research seminar in full *(partially completed, not completed).*

« » _____ 20__ _____ / _____

student's signature signature transcript

EVALUATION OF MASTER STUDENT'S WORK

_____

_____

_____

« » _____ 20__ _____ / _____

signature of the scientific supervisor; transcript of the signature

INTERDISCIPLINARY COMPLIANCE OF THE ACADEMIC PROGRAMME IN THE ACADEMIC DISCIPLINE

The educational discipline to be complied with	Department	Proposals for changes in the content of the academic programme of the higher education institution in the educational discipline	The decision made by the Department that has developed the academic programme (with the date and the minutes number)
Pedagogical Experimentation in Modern Socio-Cultural Conditions	Department of Pedagogy	No proposals	Minutes No. _____as of 21.04.2023