

<p style="text-align: center;">Area of study: 44.04.01 Teacher Education Program: "Interdisciplinary Research in Education"</p> <p>Degree: Master Program length and study mode: 2 years, full-time Language: Russian (but including some courses in English) Credits: 120 Start date: 01.09.2020 Location: Academy of Psychology and Pedagogy</p> <p>Entry requirements: correspond to the level of universal (general cultural) and general professional competencies of a bachelor's graduate in pedagogical areas</p>	<p style="text-align: center;">Program overview:</p> <p>Program structure: The content of the program is represented by four modules: Module 1. Research (40 Z.E.): solving research problems in the process of implementation a scientific (innovative) project under the guidance of a qualified employee and independently. Module 2. Pedagogical (25 Z.E.) is focused on the acquisition of competencies associated with the use of modern communication technologies, the ability to optimize the activities, create and implement educational conditions. etc. Module 3. Design and methodological (25 Z.E.) involves the formation of competencies in the field of critical analysis of problems, organization of teamwork, design of educational programs at various levels. Within the framework of Module 4. Organizational and managerial (20 Z.E.) undergraduates will learn how to analyze the educational situation, determine the priorities of their activities, develop programs, and analyze the management system.</p> <p>Typical units of study may include:</p> <ol style="list-style-type: none"> 1. Quantitative methods of data analysis. 2. A comprehensive analysis of human potential (pedagogical, sociological, economic aspects) 3. Neuropsychological basis of educational processes 4. Foreign language and the basics of psycholinguistic methods of educational research 5. Individualization of education and tutoring methods 6. Project activities in education 7. Modern problems of science and education 	<p>Careers:</p> <ul style="list-style-type: none"> • in the scientific community - continuing studies in the graduate school, working and teaching at universities, solving scientific problems of research and modernizing educational systems and practices; • in educational authorities, centers for testing and assessing the quality of education - as experts, methodologists, developers of innovative programs and projects; • in non-governmental organizations (including institutions of additional education, entertainment centers) - as developers of educational programs, experts in the quality and effectiveness of educational activities. <p>Get in touch:</p> <ul style="list-style-type: none"> - <i>Bermous Alexandre</i> - <i>Ph.D in Education, Professor</i> - +7(904)503-40-18 - e-mail: bermous@donpac.ru , bermous@sfedu.ru - WoS/Scopus ID 36478118500
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8. Pedagogical design and digital educational technology
9. Strategic management and flexible methods for managing educational projects.
10. 4 practices: research, design and technology, pedagogical, managerial

Research areas:

- Interdisciplinary (socio-psychological, cultural-anthropological, psychological, pedagogical, systemic, etc.) studies of the introduction of online learning at school and university;
- Interdisciplinary studies of the educational situation and cultural capital of modern schoolchildren (teachers, students, teachers);
 - Interdisciplinary research on the use of AI in education (level of general and higher education);
 - Interdisciplinary studies of the cultural and educational potential and capital of the parental family;
 - Interdisciplinary research on social practices of growing up;
 - Interdisciplinary research on the profiling and individualization of general education;
 - Interdisciplinary research on the transformation of secondary schools.
 - Interdisciplinary research of innovative design in the conditions of educational institutions and HE institutions;
 - Neuropsychological mechanisms and models for improving the quality of general education;
 - International studies of the quality of education as a phenomenon of educational science and practice;
 - Interdisciplinary research of the phenomenon of innovative activity in education;



- Interdisciplinary research on team building in innovation;
- Models of innovative educational ecosystems in different regions and conditions.
- Interdisciplinary research of network innovative educational communities;
- Modernization of educational practices in higher education;
- Transformation of students and teachers in the context of digitalization;
- Strategic management in universities;
- Evaluation of the effectiveness / quality of education / success of the transformation of universities;
- Technological innovations in the system of secondary vocational education: Russian and foreign practices;
- Interdisciplinary research of modern vocational training practices: apprenticeship, dual training, simulators and simulators in vocational education and training;
- The evolution of the concept of literacy in the modern world, approaches to determining the boundaries of illiteracy (taking into account global trends, social and technological transformation of society and social processes, etc.);
- Pedagogical practices of implementing educational programs, structured with respect to key concepts and “big ideas” and focused on mastering universal competencies and new literacy;
- Designing practice-oriented teacher training programs;
- Development of a teacher’s professional position in the system of pedagogical magistracy;
- The evolution of didactic games in the era of the digital transformation of education;
- Project activities in a modern school;

	<ul style="list-style-type: none">• Game technology in training;• Modern approaches to the selection of technologies in the educational process;• Game technology in working with students with special educational needs;• Methodological support for the introduction of gaming technologies in the educational process;• The study of innovative teaching practices in the process of digital transformation;• The impact of horizontal (network) interactions on the teaching methodology and practice.	
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