

**44.03.01 Pedagogical education:
Mathematics**

Degree: bachelor

Program length and study mode:

4 years, full-time

Language: Russian

Credits: 240

Start date: 2020

Location:

the basic Department of the educational program is the Department of theory and methodology of mathematical education of the Institute of mathematics, mechanics and computer science named after I. I. Vorovich at SFedU, which has a diverse and positive experience in the implementation of educational programs of a similar orientation

Entry requirements:

List of entrance tests and minimum scores:

Russian language – 50

Social studies -51

Mathematics -50

Program overview:

Program structure:

1. Project Activity Module. This module includes the University-wide disciplines, disciplines "Introduction to the project activity" and "Project activity" (it includes three projects to be done during 2-4 educational courses), professional module, various types of practical trainings and graduation thesis defense.
2. University academic mobility module.
3. Academic mobility week in all courses of study.

Typical units of study may include:

Basic disciplines:

foreign language, history, philosophy, life safety, health culture, economic and legal discipline.

Disciplines of professional module:

pedagogics, psychology, methods of teaching mathematics, elementary mathematics, mathematical analysis, algebra, geometry, discrete mathematics and mathematical logic, differential equations and partial differential equations, numbers theory and numerical systems, elementary mathematics, history of mathematics

Research areas:

The educational program includes the various types of practical trainings that can be organized on the basis of mathematical schools or educational institutions and serve as the basis for research activities of students; students can participate in various University-wide academic activities (student forums, conferences, scientific and creative communities). Within the framework of the summer and winter schools functioning at the Institute, it is planned to create a pedagogical section for undergraduate students of the Pedagogical Department.

Careers:

The graduates will be able to work in public and private educational institutions, providing training in mathematics at the level of FSES, as well as in the correctional and advanced educational institutions.

The graduates might works as teachers of mathematics, methodologists (in gymnasiums, lyceums, schools with advanced study of mathematics, etc.); heads of methodological services and other structural units of the educational institutions at different levels (district, city, regional departments of education).

Get in touch:

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