

Informatics and Computer Technologies

Novosibirsk State University

Degree or qualification is awarded: **Researcher, teacher**

Language of study: **Russian**

Mode of study: **full-time**

Duration: **4 years**

Availability of free education: **yes**

Price: **5 500 USD per year**

Programme webpage at the university website: http://nsu.ru/science/aspirantura/programma_mmf

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Postgraduate programs at Novosibirsk State University are oriented towards research through collaboration with the institutes of the Siberian Branch of the Russian Academy of Sciences. Postgraduate Students are scientifically advised by highly qualified specialists of these institutes.

Specializations within this programme

Mathematical Support and Software of Computer Systems, Complex Systems, and Computer Network

The specialization focuses on the theory of programming and developing and maintenance of software for various purposes. Scientific and economic significance of the specialization is due to the need in improving efficiency and reliability of data processing and transmission and knowledge of computer systems, complex systems, and computer networks.

Mathematical Modeling, Numerical Methods, and Complexes of Programs

The specialization is aimed at the development of fundamentals and application of mathematical modeling, numerical methods, and complexes of programs for solving both scientific and technical problems. An important feature of the specialization is the fact that the work carried out within the program has to present original results in all three of the fields – mathematical modeling, numerical methods, and complexes of programs.