



## Southern Federal University

You're about to discover a very special place!

A leading Educational and Research Center is waiting for new, prospective and creative students.

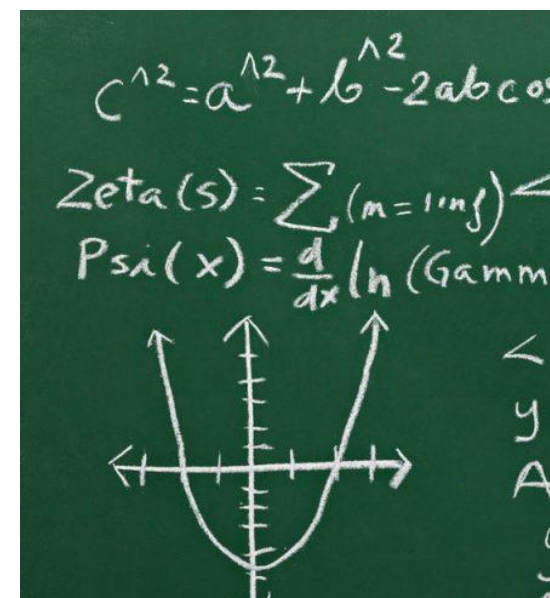
We offer a world-class education on competitive terms.

Southern Federal University  
Rostov-on-Don

To a prospective student

## Mathematical Modeling, Numerical Methods and Program Complexes

The master's program is focused on research professional activity and further doctoral training in Mathematical Modeling. The program covers a wide area of research in applied mathematics and modern computer technology.





## Master in Mathematical Modeling, Numerical Methods and Program Complexes

- ✓ 2-year program
- ✓ English-taught program

### Among the Basic and Special Courses we offer:

- ✓ Continuous mathematical models
- ✓ Modern computer technologies
- ✓ Mathematical modeling of information systems and processes
- ✓ Advanced problems of mathematical physics
- ✓ Modern numerical methods in mathematical modeling
- ✓ Numerical methods of linear algebra
- ✓ Stochastic modeling and statistical data processing
- ✓ Mathematical models in biology
- ✓ Parallel and distributed programming
- ✓ Computer algebra methods and its applications



Konstantin A. Nadolin,  
Candidate of Physical and  
Mathematical Sciences,  
Director of the Program

### Research areas:

- Mathematical modeling of natural and technical systems and processes;
- Numerical methods for solving initial boundary value problems for differential equations;
- Development and application of software for scientific research.

### Admission requirements

A candidate must:

- hold a Bachelor's degree in physics, mathematics or engineering;
- have a level of English proficiency equal to or above B1.

### Work paths and future careers

Upon completion of the master's program, you will be equipped to pursue a career in companies focused on science-intensive and high-tech production, research and education.

### Discover the value of TR program

It is important to understand the whole picture of the cost of your education (inquiry needed):

- Tuition,
- Room and board,
- Other Fees.

### Contacts

Southern Federal University  
Rostov-on-Don  
+7 (863) 297-52-85  
[kanadolin@sfedu.ru](mailto:kanadolin@sfedu.ru)

[www.sfedu.ru](http://www.sfedu.ru)

Do you need to know more?

[Request free information form](#)