


<p style="text-align: center;">Areas of study</p> <p>01.04.01 "Mathematics", 01.04.02 "Applied Mathematics and Informatics", 01.04.03 "Mechanics and Mathematical Modeling"</p> <p style="text-align: center;">Master's degree program: "Fundamental Mathematics, Mechanics and Mathematical Modeling"</p> <p>Degree: <i>master</i> Program length and study mode: 2 years, <i>intramural</i> Language: <i>Russian</i> Credits: 120 Start date: September 1, 2020 Location: 8A Milchakova street, the Institute for Mathematics, Mechanics, and Computer Science named after I.I. Vorovich, Rostov-on-Don Entry requirements: bachelor's degree and higher</p>	<p style="text-align: center;">Program overview:</p> <p>Program structure:</p> <ul style="list-style-type: none"> - training in the field of fundamental methods of mathematics and their applications in natural science; - experience in research of actual problems of mathematical modeling; - skills of application of modern mathematical methods and computer packages. <p>Typical units of study may include:</p> <ul style="list-style-type: none"> • Actual problems of applied mathematics and informatics • Discrete mathematical models • Inverse problems of mathematics and mechanics • Modern computer technology • Biology models • Biomechanics • Hydroacoustics <p>Research areas: New methods of mathematics and mechanics, analysis of mathematical models, inverse problems of mechanics, biomechanics, thermohydrodynamics.</p>	<p>The graduates of the program can work in science, engineering, business and as university teachers</p> <p>Get in touch:</p> <ul style="list-style-type: none"> - <i>Vladimir A. Batischev,</i> - <i>Doctor of Philosophy, Professor</i> - <i>batischev-v@mail.ru,</i> <li style="padding-left: 20px;"><i>vabatischev@sfedu.ru</i> - <i>Scopus profile: 6603888756</i> <div style="text-align: center;">  </div>
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