


<p style="text-align: center;">Area of study: 01.04.02 Applied Mathematics and Computer Science Program: Models and information technologies of organizational management</p> <p>Degree: Master Program length and study mode: 2 years, full-time Language: Russian Credits: 120 Start date: 1.09.2020 Location: Rostov-on-Don</p> <p>Entry requirements: knowledge of the basics of programming and mathematical modeling, differential equations and linear algebra</p>	<p style="text-align: center;">Program overview:</p> <p>The program is focused on training highly qualified specialists in applied mathematics and computer science, performing the functions of analyzing and modeling the organization and its business processes, advising clients, collecting and analyzing information, solving research and training challenges in the management of active systems.</p> <p>The program is comprehensive and includes elements of research, practice-oriented and management models.</p> <p>This is the only master's program in the South of Russia that gives fundamental training in applied mathematics and computer science in the field of organizational management.</p> <p>The graduates will be in demand in state, municipal and corporate governance, personnel management, strategic planning, business intelligence, development and implementation of 1C software products.</p> <p>Program structure:</p> <table border="1" data-bbox="654 991 1442 1442"> <thead> <tr> <th colspan="2">Program structure:</th> <th colspan="2">Unit</th> </tr> </thead> <tbody> <tr> <td></td> <td>Discipline (modules)</td> <td>Credit units</td> <td>76</td> </tr> <tr> <td></td> <td>Mandatory part</td> <td>Credit units</td> <td>39</td> </tr> <tr> <td></td> <td>The part formed by the participants of educational relations</td> <td>Credit units</td> <td>37</td> </tr> <tr> <td></td> <td>Practical training</td> <td>Credit units</td> <td>38</td> </tr> <tr> <td></td> <td>Mandatory part</td> <td>Credit units</td> <td>35</td> </tr> </tbody> </table>	Program structure:		Unit			Discipline (modules)	Credit units	76		Mandatory part	Credit units	39		The part formed by the participants of educational relations	Credit units	37		Practical training	Credit units	38		Mandatory part	Credit units	35	<p>Careers: The members of the 1C community, as well as other businesses and organizations of any industry, size and form of ownership.</p> <p>Get in touch: - <i>Usov Anatoly Borisovitch</i> - <i>Ph.D., Professor of The Department of Mathematics and Programming</i> - +7(904) 340 46 21 - <i>abusov@sfedu.ru</i> - <i>WoS/Scopus ID 17710</i></p> <div style="text-align: center;">  </div>
Program structure:		Unit																								
	Discipline (modules)	Credit units	76																							
	Mandatory part	Credit units	39																							
	The part formed by the participants of educational relations	Credit units	37																							
	Practical training	Credit units	38																							
	Mandatory part	Credit units	35																							

The part formed by the participants of educational relations	Credit units	3
State final certification	Credit units	6
Performing and protecting graduate qualification work	Credit units	6
Total program volume in credit units	Credit units	120

Typical units of study may include:

Game Theory and its applications, Discrete Mathematical Models, Corporate Information Systems, Techniques for Analyzing and Modeling Business Processes, Continuous Mathematical Models

Research areas:

The theory of managing the sustainable development of active systems; 1:C programming