

<p style="text-align: center;">Area of study:  <b>09.04.03 "Applied Informatics"</b>  Program  <b>Automated Information Systems</b></p> <p>Degree: Master  Program length and study mode: 2 years, full-time.  Language: Russian  Credits: 120  Start date: 2020  Location: Institute of Computer Technologies and Information Security, SFedU, Taganrog.</p> <p>Entry requirements: Bachelor degree</p>	<p style="text-align: center;"><b>Program overview:</b></p> <p>The master's educational program allows the students to learn the basics of modern information technologies and computer technology, promising design methods and systems, optimization tools and mechanisms, adaptation and intellectualization of processes of creative solution of design and technical problems.</p> <p style="text-align: center;"><b>Program structure:</b></p> <p>The volume of the academic master's program is 120 credits.</p> <p><u>Unit 1:</u>  Disciplines (modules) - 84 credits.  Mandatory part - 42 credits.  Part formed by participants of educational relations - 42 credits.  Practical training - 27 credits.</p> <p><u>Unit 2:</u>  Mandatory part - 6 credits.  Part formed by participants of educational relations - 21 credits.</p> <p><u>Unit 3:</u>  State final certification - 9 credits.  Optional disciplines - 10 credits.</p> <p style="text-align: center;"><b>Typical units of study may include:</b></p> <p>-Philosophy of science, methodology of scientific and project activities.  -Psychology of Personal Resource Management.  -Foreign language in the professional field.  -Current Challenges and Research Methods in Information Systems.</p>	<p style="text-align: center;"><b>Careers:</b></p> <p>The program graduates will be able to work in: PJSC Beriev Aircraft (Taganrog), TagMet OJSC (Taganrog), TKZ Krasny Kotelshchik OJSC (Taganrog), Krasny Gidropress OJSC (Taganrog), PNTTS CJSC (Taganrog), LLC Sunrise-T (Taganrog), OKB MIUS SFU (Taganrog), OKB RITM SFU (Taganrog), Research Institute of MVS named after A.V. Kalyaeva SFU (Taganrog), NPP Spetsstroy Svyaz LLC (Taganrog), Data-Micro CJSC (Taganrog), Stavropolenergo OJSC (Stavropol), Kalmgaz OJSC (Elista ), NPK Ritm OJSC (Krasnodar), State Research Center Federal State Institution Yuzhmorgeologiya (Gelendzhik), Research Institute MA Progress (Moscow), NPO Measuring Technique (Korolev), NPP Pulsar (Moscow), Energomera concern (Stavropol), etc.</p> <p style="text-align: center;"><b>Get in touch:</b></p> <p>- <i>Oleg B. Lebedev</i>  - <i>candidate of technical sciences, associate professor</i>  - +79085135512  - <i>oblebedev@sfedu.ru</i>  - 20734340000</p>
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-Methodology of Scientific and Project Activities.  
-Research Seminar.

**Research areas:**

The training of masters takes into account the scientific and practical background of the scientific and pedagogical staff of the institute in the field of developing modern and promising methods of knowledge management, optimization, design, decision making, information security, as well as the requirements of employers for knowledge, skills of graduates in the field of developing effective algorithms and programs, information systems, their subsystems and components, their protection, quality and reliability, as well as Web programming, network and multimedia technologies, databases and DBMS, CALS- and CASE-technologies.

