


<p>09.03.01 Computation and Informatics Software Engineering and System Integration of IT Solutions</p> <p>Degree: <i>bachelor</i> Duration of training: <i>4 years / 5 years</i> Form of training: <i>intramural/extramural</i> Language of instruction: <i>Russian</i> Accreditation: <i>state</i></p>	<p>Program description:</p> <p><i>You will receive comprehensive interdisciplinary training in IT, as well as deepen knowledge of software engineering and designing of IT infrastructure objects (information systems, server and network equipment, gadgets and mobile devices);</i></p> <p><i>Experience of developing desktop, mobile and Web-applications, robotic systems and smart electronics; knowledge of IT project management (IT Director, Project Manager), system integration and implementation of ERP, MRP, CRM, SCM systems for complex and point automation of company activities, system analysis and design of enterprise architecture and applications, design and operation of computer networks (fiber optic communication and wireless technology Bluetooth, Wi-Fi, WiMAX);</i></p> <p><i>Skills of programming, development and implementation of software solutions into the IT infrastructure of the enterprise, project and work management within the framework of the software life cycle from the system study of the business processes to its full automation through development, testing and implementation.</i></p> <p>Basic courses:</p> <ul style="list-style-type: none"> • Fundamentals of Algorithmization and Programming, • Introduction to Engineering, 	<p>Graduates of the program work as programmers, software architects, system analysts, IT product managers; specialists in information technology, IT project managers in high-paid companies in the following settings: programming, analytics, modeling and design of business processes and systems, implementation of IT solutions.</p> <p>Contacts of the program director: Sviridov Alexander Slavievich, Candidate of Sciences, Associate Professor of the Department of System Analysis and Telecommunications asviridov@sfedu.ru Tel. 8 (8634) 371787 Scopus profile: https://www.scopus.com/authid/detail.uri?authorId=14066789800</p> 
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	<ul style="list-style-type: none">• Databases and DBMS <p>Special courses:</p> <ul style="list-style-type: none">• IT Infrastructure of an Enterprise,• Business Analytics,• Automated Systems Design and Development,• Application Programming in Integrated Environment,• Complex Automation of Enterprises <p>Research areas:</p> <ul style="list-style-type: none">- System Analysis and System Engineering	
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<p style="text-align: center;">09.03.01 Computation and Informatics</p> <p style="text-align: center;">Bachelor's program</p> <p style="text-align: center;">Distributed Computing Systems and Information and Communications Technologies</p> <p>Degree: <i>bachelor</i></p> <p>Duration of training: 4 years</p> <p>Form of training: <i>intramural</i></p> <p>Language of instruction: <i>Russian</i></p> <p>Accreditation: <i>state</i></p>	<p style="text-align: center;">Program description:</p> <p>The graduates will be able to work with both software and hardware. You will receive training in information and computer science, distributed systems and cloud technologies. The training is performed using real equipment and software.</p> <p>Basic courses: Algorithmic Languages and Programming, Databases and DBMS, System Software.</p> <p>Special courses: Distributed Systems and Cloud Computing, Modern Web-Technologies, Administration of Databases and Computer Networks, Digital Circuitry Engineering.</p> <p>Research areas: Distributed systems, information and communications technologies.</p>	<p>Graduates of the program work as system administrators, programmers and developers in companies in the field of IT technologies.</p> <p>Contacts of the program director: Kostyuk Andrey Ivanovich Candidate of Sciences, Associate Professor aikostyuk@sfedu.ru + 7 (8634) 371656 Scopus profile: https://www.scopus.com/authid/detail.uri?authorId=57196048780</p> 
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