Area of study **01.04.02 "Applied Mathematics and Informatics" Mathematical and Software Support of Computers** Degree: *Master* Duration of training: *2 years* Form of training: *intramural* Language of instruction: *Russian* Accreditation: *state*	**Program description:**	
	Students will obtain a unique combination of theoretical base and the best industrial practices. *We offer training* in fundamental areas of modern mathematics, such as modern structures of algebra and discrete mathematics, discrete and continuous modeling, coding theory, as well as in applied areas of science. *Experience and skills:* mathematical and software development and support of computers and information protection systems, using advanced techniques and technologies of applied programming and modern mathematical tools. **Basic courses:** Discrete Mathematical Models; Continuous Mathematical Models; Modern Problems of Applied Mathematics and Computer Science. **Special courses:** Algebraic and Discrete Structures of Informatics; Theoretical and Graph Models; Parallelizing Transformations of Programs and Development of Multiplatform Software; Modern Methods of Information Protection. **Research areas:** Information protection; graph theory and graph algorithms; image processing and recognition; supercomputing optimizing compilers; bioinformatics.	Graduates of the program work as specialists of different levels in IT companies, scientific, design, project and other specialized organizations in the field of information protection and information security, and in major international corporations (Intel, Samsung Research, Microsoft, Yandex, Huawei). **Contacts of the program director:** Skorokhodov Vladimir Aleksandrovich vaskorohodov@sfedu.ru SCOPUS-ID: 57195440492