

<p style="text-align: center;">Area of study 11.04.04 Electronics and Nanoelectronics</p> <p>Degree: <i>Master</i> Duration of training: <i>2 years</i> Form of training: <i>intramural</i> Language of instruction: <i>Russian</i> Accreditation: <i>state</i></p>	<p style="text-align: center;">Program description:</p> <p><i>We offer training</i> in electronics and nanoelectronics; <i>Experience</i> of studying the electronic devices physical principles, design and manufacturing technology; <i>Skills</i> of working with modern research and technological equipment; designing of electronic devices; programming of microcontrollers; designing of electronic and nanoelectronic structures using special software; maintaining of electronic equipment.</p> <p>Basic courses: Methods of Mathematical Modeling and Computer Technologies in Scientific Research, Design and Technology of Electronic Component Microwave Base, etc.</p>	<p>Graduates of the program work as specialists in the field of development, design, production and maintenance of radio-electronic devices, systems and complexes in companies in the field of electronics and nanoelectronics, in the military-industrial enterprises, in organizations developing and maintaining any kind of electronic and computer equipment.</p> <p>Contacts of the program director: Osadchy Yevgeny Nikolaevich Candidate of Technical Sciences, Associate Professor of the Department of Radio Engineering Electronics E-mail: eosadchiy@sfedu.ru Tel.: +7 (928)1727627 https://sfedu.ru/en/person/eosadchiy</p>
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Special courses:

Nonlinear Processes of Microwave, Quantum and Optoelectronics, Interaction of Coherent Radiation with Substance, Vacuum Microelectronics, etc.

Research areas:

Solid State and Vacuum Microwave Microelectronics;
Radiooptics, Nanophotonics and Optoelectronics.

