


<p style="text-align: center;">Area of study 11.03.04 General Electronics and Nanoelectronics</p> <p>Degree: <i>bachelor</i> Duration of training: <i>4 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>You will receive training</i> in electronics and nanoelectronics; <i>Experience</i> in studying the physical operating principles of electronic devices, its design and manufacturing technology; <i>Skills</i> of modern research and technological equipment running; electronic devices design; microcontrollers programming; electronic and nanoelectronic structures design using special software; electronic equipment maintenance.</p> <p>Basic courses: Physics, Mathematics, Electrical Engineering and Electronics</p> <p>Special courses: Micro- and Nanoelectronics, Pulse and Digital Devices, Fiber and Integral Optics, Microwave Devices, etc.</p> <p>Research areas:</p> <ul style="list-style-type: none"> • Solid State and Vacuum Microwave Microelectronics; • Radio Optics, Nanophotonics and Optoelectronics 	<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, military-industrial complex, electronic industry, in companies developing, setting and maintaining any kind of electronic and computer equipment.</p> <p>Contacts of the program director: Parshina Natalya Valerievna Candidate of Technical Sciences, Associate Professor of the Department of Radio Engineering Electronics E-mail: nparshina@sfedu.ru Tel.: +7 (952)4146455 Scopus/WoS profile: https://www.scopus.com/authid/detail.uri?authorId=57189591978</p> 
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