


<p style="text-align: center;">Area of study <b>12.04.01 Equipment Engineering</b></p> <p style="text-align: center;"><b>Innovation Technologies in Equipment Engineering</b></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;"><b>Program description:</b></p> <p><i>We offer training in innovative instrument engineering;  Experience of design, research and organizational activity;  Acoustic devices and systems design and application skills in industry, economics and science.</i></p> <p><b>Basic courses:</b>  Computer Tomography, Modern Methods of Analytical Diagnostics, Mathematical Modeling in Instrument Systems</p> <p><b>Special courses:</b>  Hydroacoustics, Modern Problems of Ultrasonic Technology, Space Frequency Filtering of Signals, Information Technologies in Scientific Research</p> <p><b>Research areas:</b>  Ultrasonic antenna systems and complexes development and research</p>	<p>Graduates of the program work as engineers in companies in the field of hydroacoustics and ultrasonic non-destructive testing.</p> <p><b>Contacts of the program director:</b>  Voloshchenko Alexander Petrovich  Tel.: 8-904-449-79-52  e-mail: apvoloshhenko@sfedu.ru  Scopus/WoS profile:  <a href="https://www.scopus.com/authid/detail.uri?authorId=55778683500">https://www.scopus.com/authid/detail.uri?authorId=55778683500</a> /  <a href="http://www.researcherid.com/rid/M-8072-2016">http://www.researcherid.com/rid/M-8072-2016</a></p> 
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------