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| <p style="text-align: center;">Area of study: 20.04.01 Technosphere safety Program Integrated security systems</p> <p>Degree: Master Language: Russian Credits: 120 credits Start date: 2 years, full-time Location: Institute of Nanotechnologies, Electronics and Equipment Engineering, Taganrog</p> <p>Entry requirements: - a standard document on higher education and qualifications; - entrance tests of SFedU; - more details on: http://sfedu.ru/www/stat_pages22.show?p=ABT/N8207/P</p> | <p style="text-align: center;">Program overview:</p> <p>The level of training of masters meets the requirements of the state educational and professional standards. You will study how to ensure safety of the population and industrial facilities in modern conditions to create a comfortable urban environment.</p> <p>Typical units of study may include:</p> <ul style="list-style-type: none"> — Safety Monitoring and Risk Analysis — Foreign language for professional purposes — Safety Expertise and Supervision <p>Variable part:</p> <p>Mandatory disciplines:</p> <ul style="list-style-type: none"> — Information Technology and Safety Modeling — Economics and Safety Management — Fundamentals of the design of integrated safety systems — Interdisciplinary project <p>Electives:</p> <ul style="list-style-type: none"> — Labor protection and assessment of working conditions — Organization of fire safety management — Functional materials for safety systems — Sensors and multisensory systems — Nanotechnology in safety systems — Modern technologies of technosphere safety | <p>Careers:</p> <p>PJSC "Beriev Aircraft", Taganrog Plant "Priboy", JSC "Krasny Kotelshchik", JSC "Krasny Gidropress", Taganrog Metallurgical Plant, State Scientific Center Federal State Budgetary Healthcare Institution "Yuzhmorgeologiya", Federal State Budget Institution "Azovmorinformtsentr", Federal State Budgetary Institution "CherAztekhmordirection" (Taganrog and Rostov-on-Don), any industrial enterprises.</p> <p>Get in touch:</p> <ul style="list-style-type: none"> - <i>Semenistaya Tatiana Valerjevna</i> - <i>Associate Professor, Candidate of Sciences</i> - <i>tel. +79185804422</i> - <i>e-mail: semenistayatv@sfedu.ru</i> - <i>WoS/Scopus ID: E-2844-2014/0000-0002-8049-1940</i> <div style="text-align: center;">  </div> |
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| | <p>University Academic Mobility Module:</p> <ul style="list-style-type: none">— Optical communication and information processing systems— Access Control and Removal Systems <p>Electives:</p> <ul style="list-style-type: none">— Security Technology— Environmental risks in the technosphere <p>Research areas:</p> <ul style="list-style-type: none">— Environmental monitoring— Risk analysis of industrial safety— Creation and study of the functional properties of materials for safety systems— Resource and energy saving technologies | |
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