

<p>Polytechnic Institute</p> <p>Master's degree programme Technosphere Safety (orientation: Environmental Engineering)</p> <p>Programme Supervisor- Gennady Tarasov, Doctor of Geology and Mineralogy, Professor</p>	<p>Study field 20.04.01 Qualification-Master Mode of study - full-time Study period - 2 years Language of instruction – Russian Tuition fee - RUB 111 000,00 (for academic year 2014/15)</p>
<p>Program Aim</p> <p>The programme is aimed at training Master students in environmental safety. The programme graduates are able to perform activities requiring advanced knowledge and training, as well as carry out research, design and expert supervisory activities.</p>	<p>Features</p> <p>During their training period students acquire competences related to:</p> <ul style="list-style-type: none"> • complex engineering and technical design in environmental safety field; • environmental and economic assessments of measures to improve industrial facilities safety; • creating new models for environmental safety systems; • environmental examination of engineering projects. <p>The programme is especially focused on the High North conditions. Students have an opportunity of participation in international projects.</p> <p>Contact person at the department: Olga Fiodorova tel: +7 (8152) 40-34-22 e-mail: olga_fiodorova@mail.ru</p>
<p>Job prospects</p> <p>Masters in technosphere safety are prepared to work at:</p> <ul style="list-style-type: none"> • executive authorities of different levels; • research institutes; • design organizations; • higher and secondary vocational education institutions; • analytical laboratories for environment monitoring; • industrial enterprises in the Russian Federation and abroad. 	
<p>Programme Feedback</p> <p>Ivan Gaponenkov, 2nd year student, Master's degree programme "Technosphere Safety":</p> <p>- In 2011 I got a Bachelor's degree in petroleum engineering. I decided to stay in Murmansk and continue with my Master studies at MSTU.</p> <p>In our region there is a challenging situation with sewage waters and industrial wastewaters. It became the object of my scientific interest. My fellow student Andrei Sergin and I do sludge selection directly at the enterprises - Murmansk bread-baking complex and poultry farm in Vykhodnoi village. After sampling we come to the lab where we do research. It's very exciting.</p> <p>My task now is to find the best way of handling wastewater sludge produced by enterprises in Murmansk, as well as to find friendly disposal opportunities of produced sediments. The ultimate goal is to provide the most efficient solution to this problem which is very relevant for the region.</p>	