

<p>Polytechnic Institute</p> <p>Bachelor's degree programme Oil and gas business (orientation: Arctic Shelf Oil and Gas Facilities Operation and Maintenance)</p>	<p>Study field 21.03.01 Qualification – Bachelor Mode of study – full-time, correspondence , correspondence shortened Language of instruction – Russian Tuition fee – RUB 96 600,00 (for academic year 2014/15)</p>
<p>Learning outcomes</p> <p>Upon successful completion of this program, the students should be able to:</p> <ul style="list-style-type: none"> • have an in-depth knowledge and understanding of the processes and technologies involved in the production, separation, and secure transport of oil and gas; • use analysis tools and skills acquired to plan for drilling and safe recovery of oil and gas for different types of reservoirs; • use mathematics, basic science, and engineering techniques to solve problems related to oil and natural gas production; • be familiar with the elements of oil and gas energy systems and their important role in the recovery and production of hydrocarbons; • use available simulation software to reconstruct a three-dimensional model of drilling modes; • have deep knowledge of engineering concepts and technical requirements associated with production facilities on shelf; • be aware of possible ways of dealing with faults and accidents on shelf. 	<p>Job prospects</p> <p>This programme will allow graduates to pursue the career in the following job places:</p> <ul style="list-style-type: none"> • drilling rigs, • oil and gas companies, • hydrocarbons transport and storage enterprises <hr/> <p>Basic courses</p> <p>Underground Hydromechanics; Construction and Operation of Oil and Gas Pipelines and Storages; Development and Operation of Oil and Gas Fields; Oil and Gas Wells Drilling; Oil and Gas Transport and Storage; Oil and Gas Collection and Preparation on Site; Drilling Modes Modeling</p> <hr/> <p>Entrance exams</p> <p>Russian Physics Mathematics</p>