

# Development of hard-to-recover and unconventional hydrocarbon fields

Study plans for the master's program

Language of instruction – Russian

Career prospects – oil and gas industry

Campus – Kazan

<b>Year 1</b>	<b>Year 2</b>
<p>Modern problems of economics, organization and management in geological exploration and subsoil use</p> <p>Academic communication</p> <p>Modelling of oil and gas fields</p> <p>Petroleum engineering</p> <p>Physical chemistry of hydrocarbons</p> <p>Hydrodynamic modelling</p> <p>Techniques and technology of maintenance of oil and gas wells</p> <p>Development of oil and gas fields</p> <p>Oil and gas geology</p> <p>Maintenance and regulation of the development of oil and gas fields</p> <p>Design of the development of oil and gas fields</p> <p>Geophysical studies in the oil and gas industry</p> <p>Petrophysics and geomechanics</p> <p>Collection and preparation of oil and gas products</p> <p>Basin modelling</p> <p>Analysis of sedimentation basins</p> <p>Internship</p>	<p>Enhanced oil recovery</p> <p>Fluid flows in a porous medium</p> <p>Petrophysical modelling</p> <p>Geomechanical modelling</p> <p>Geochemical modelling</p> <p>Horizontal drilling</p> <p>Offshore reservoirs</p> <p>Complex studies of formation fluids</p> <p>3D modelling in the oil and gas industry</p> <p>Development of hard-to-recover reserves</p> <p>Pre-graduation internship</p> <p>Graduation thesis</p>