

# Integrated deposit modelling

Study plans for the master's program

Language of instruction – Russian

Career prospects – geological survey, exploration and production / oil and gas industry

Campus – Kazan

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