

Geology and geochemistry of oil and gas

Study plans for the master's program

Language of instruction – Russian

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

Campus – Kazan

Year 1	Year 2
Modern problems of economics, organization and management in geological exploration and subsoil use Academic communication Modelling of oil and gas fields Oil and gas reserve evaluations Sequence stratigraphy Oil and gas basins of the world Geographic information technology Geological modelling Monitoring of oil and gas reservoir development Hydrodynamic well logging Wave and impulse methods of reservoir studies and well logging Lithological genesis aspects of oil-bearing and gas-bearing strata Internship	Non-traditional and complex reservoirs of oil and gas Design of oil and gas recovery processes Petrological properties of rocks Geological basics of enhanced oil recovery Geochemical studies of oil and organic matter of rocks Specifics of natural bitumen reservoirs Applied organic geochemistry Pre-graduation internship Graduation thesis