

Physics and Chemistry of Processes and Materials

National University of Science and Technology MISIS

Language of study: **Russian**

Mode of study: **full-time**

Duration: **2 years**

Availability of free education: **yes**

Price: **245 400 rubles/per year**

Programme curator: **Yuri Konyukhov**

Tel.: **+7 495 955-00-49**

E-mail: ykonukhov@misys.ru

The Master's program offers extensive training in methods of studying physical and chemical material properties, processes of producing functional materials with given properties, planning, simulation, and optimization of production processes for resource and energy saving to meet modern technical and environmental safety requirements. The graduates are pursuing successful careers in leading Russian and international companies.

Specializations within this programme

Metallic and oxide-based nano materials, carbon nanotubes and fibers, composites, high-temperature and superhard materials, amorphous materials, medical materials, nanobiotechnologies, materials for photovoltaic and solar heat panels, high-energy magnet materials, self-propagating high-temperature synthesis (SHS), quantum-scale effects.