

Inorganic Nanomaterials

National University of Science and Technology MISIS

Language of study: **English**

Mode of study: **full-time**

Duration: **2 years**

Availability of free education: **yes**

Price: **236 000 rubles per year**

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The overall goal of the program is to provide high-quality basic knowledge and practical training in the field of inorganic nanomaterials with particular focus on science and engineering of advanced materials, their fabrication and characterization methods, bulk functional nanomaterials including hard and superhard, surface engineering including corrosion protection as well as atomistic simulations of solids and nanostructures.

Specializations within this programme

- Atomistic simulations of solids and nanostructures
- Fabrication of inorganic nanomaterials
- Combustion synthesis of inorganic materials
- Surface engineering
- Science of engineering materials
- Hard and superhard nanomaterials
- Anelasticity and mechanical spectroscopy of materials
- Environmental degradation and protection
- Spectroscopy of nanostructures
- Advance electron microscopy for material science: from new materials to nanostructures.