

Nuclear engineering

National Research Nuclear University MEPhI (Moscow Engineering Physics Institute)

Degree or qualification is awarded: **Master degree**

Language of study: **Russian**

Mode of study: **full-time**

Duration: **2 years**

Availability of free education: **no**

Price: **207 610 rubles per semester**

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The Master Program **“Nuclear Engineering”** is oriented on the preparing graduates who will be able to work successfully in the areas related to design, analysis and assessment of safety and economical efficiency of contemporary and advanced nuclear power facilities. Besides, the Program graduates have to possess a sufficiently wide spectrum of systematical and analytical competencies, leadership and communicative competencies in order to work successfully within a team of professionals.

The Program graduates have to acquire a profound knowledge and practical methodologies and tools in neutron-physical and thermal-hydraulic processes that occur in the reactor core under nominal, accidental and transient operating conditions.

Attractive features of the Program: a profound training in physics, mathematics, information technologies, and competencies in critical high-tech nuclear technologies that provide a great opportunity for placing in a good job.

Part of the curriculum is also implemented in English.

Specializations within this programme