

Micro- and Nanoelectronic Devices and Systems for Physical Installations

National Research Nuclear University MEPhI (Moscow Engineering Physics Institute)

Degree or qualification is awarded: **Specialist diploma**

Language of study: **Russian**

Mode of study: **full-time**

Duration: **5 years**

Availability of free education: **no**

Price: **148 300**

Programme webpage at the university website:

https://eng.mephi.ru/content/public/uploads/files/Program/specialist/nepi/14.05.04_micro_nanoel_dev_sys.pdf

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14.05.04 Electronics and Automation of Physical Facilities

Micro- and Nanoelectronic Devices and Systems

Competitive advantages:

- development of new principles of micro- and nanoelectronic devices, the creation of methods for their design and manufacture;
- combination of semiconductor physics and a wide range of applied courses in circuitry and technology for the production of electronic products on various materials.

Curriculum features:

- Theory of design of integrated circuits;
- Architecture of microprocessor systems;
- Technology and design of electronic and microelectronic systems;
- Semiconductor physics;
- Planar Technology.

Specializations within this programme