

Electronics and Automation of Physical Facilities (14.05.04)

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.