

Nanotechnology and Microsystems Engineering

National Research Lobachevsky State University of Nizhni Novgorod (Lobachevsky University)

Degree or qualification is awarded: **Bachelor's degree in Nanotechnology and Microsystems Engineering**

Language of study: **Russian**

Mode of study: **full-time**

Duration: **4 years**

Availability of free education: **yes**

Price: **207 000 RUB per year**

Programme webpage at the university website:

<http://www.phys.unn.ru/courses/nanotehnologii-i-mikrosistemnaya-tehnika/>

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Micro- and nanosystems technology is a new rapidly developing direction, which aims to develop miniature systems and devices using nanotechnology and nanomaterials. Among them: analytical micro- and nanosystems for various purposes on microchips; micromechanical, thermoelectric, optical, chemical and biological sensors; ultra miniature motors and micropumps in integral design; micro- and nano-manipulators, microrobots.

The basic departments for this direction are:

-Department of "Semiconductor Physics and Optoelectronics";

-Department of Solid State Electronics.

Specializations within this programme