

03.03.01 Applied mathematics and physics

Partner university: Karakalpak State University named after Berdakh (The Republic of Uzbekistan)

Abstract: This program is focused on obtaining a fundamental education in the field of physics of semiconductors and nanostructures. Particular attention is paid to in-depth study of theoretical physics, modern methods of mathematical modeling of physical processes, participation in modern scientific research.

Curriculum features:

- solid state physics;
- statistical physics;
- numerical methods;

Career opportunities:

- research assistant;
- software engineer;
- design engineer;

Program Supervisors:

Vladimir R.Nikitenko - Deputy Head of the Department of Condensed Matter Physics, Doctor of Physical and Mathematical Sciences, Professor.