

14.04.01 Nuclear Power Engineering and Thermophysics

Nuclear Power Engineering

Program objective

to train specialists in physics and thermophysics for design, production, technological, research and management activities in promising nuclear power plants development and operation.

Curriculum features

- physics of nuclear reactors
- nuclear fuel cycle
- input, output and operation of nuclear power plants
- nuclear safety
- control systems
- protection of nuclear power plants
- current challenges faced the nuclear industry

Future employment

Companies of high-tech industries – implementation of improved processes and elaboration of innovative solutions.