

14.04.02 Nuclear Physics and Engineering

Nuclear Engineering

Program objective

to train highly qualified professionals who could be capable of designing and providing efficiency, safety evaluation and analysis of modern and promising nuclear facilities.

Program's competitive advantages:

- profound knowledge of physics and mathematics
- in-depth knowledge of neutron-physical and thermal-hydraulic processes occurring in the reactor core, under normal operating conditions, as well as in emergency and transition modes
- sufficient set of system analytical competencies, leadership and communication skills that set up a creative teamwork