

**Institute of Nuclear Techniques,**  
**Budapest University of Technology and Economics, Hungary**

For details of the curriculum of the courses listed below, please, contact [doczi@reak.bme.hu](mailto:doczi@reak.bme.hu)  
(Rita Dóczi)

**Subjects taught in the Energy Engineering BSc program**

- Nuclear and neutron physics
- Fundamentals of Nuclear Energy
- Reactor physics for engineers
- Thermohydraulics for Nuclear Power Plants
- Reactor Technology
- Nuclear Power Plants
- Nuclear Measuring Methods
- Environmental Radiation Protection
- Nuclear Power Plant Operation
- Laboratory 1.
- Laboratory 2.
- Radioanalytics
- Radioactive Waste Management
- Nuclear Electronics
- Materials of Nuclear Power Plants
- Nuclear Safety
- Nuclear Energy Systems
- Measurements and Diagnostics during Operation
- Special Laboratory for Atomic Energy