

# Medical and biological bases of radiation safety

National Research Nuclear University MEPhI (Moscow Engineering Physics Institute)

Degree or qualification is awarded: **Certificate**

Language of study: **Russian, English**

Mode of study: **full-time**

Duration: **1 или 2 week**

Availability of free education: **no**

Price: **800 \$ or 1 000 \$**

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## **Brief description of the Program**

On graduation students will know: biophysical bases of ionizing and nonionizing radiation impact on living organisms, including consideration of theories and mechanisms of formation of radio-biological effects; regulator processes supporting the homeostasis of cellular systems and organism, and their change under the influence of radiations; bases of medical application of ionizing radiation and principles of their hygienic rationing; microdosimetry and systems biology

## **Specializations within this programme**

**Radiation safety**

## **Characteristics of the scope of professional activity of future graduates**

Workers of nuclear industry, experts working in the areas of biology and radiation physics