

## Physics (03.03.02)

### **Qualification:**

- Academic Bachelor Degree.

### **Forms and terms of education:**

- Full-time: 4 years.

### **Language of study:**

Russian language.

**Area of professional activity of graduates** of undergraduate programs with the qualification "Academic Bachelor Degree" includes all types of physical phenomena, processes and structures which could be observed nature.

### **The objects of professional activity of graduates of undergraduate programs with qualification "academic Bachelor" are:**

- physical systems of various scales and levels of organization, processes of their functioning;
- physical, engineering and physical, biophysical, chemical-physical, physical-medical, environmental protection technology;
- physical expertise and monitoring.

### **Professional activities for which graduates are prepared with undergraduate qualification "Academic Bachelor Degree":**

- research activities;
- science and innovation;
- organizational and administrative activity;
- pedagogical and educational activity.

Graduates with qualification "Academic Bachelor" according to the type (types) of professional activity will be ready to solve **the following professional tasks:**

#### **research activities:**

- mastering of research methods;
- development of theories and models;
- participation in research on a particular subject;
- participation in processing of scientific research results
- work with the scientific literature with use of new information technologies;

#### **science and Innovation:**

- mastering methods of application results of scientific research in innovation activity;
- mastering methods of engineering and technology activities;
- participation in the processing and analysis of data, which had been obtained with the help of modern information technologies;

#### **organizational and administrative activity:**

- acquaintance with the basics of organization and planning of physical research;
- participation in the organization of scientific seminars and conferences;

- participation in writing and presentation of scientific papers and reports;
- pedagogical and educational activity:**
- preparation of training sessions in educational institutions;
  - organization of excursions, educational and sectarian work.