

Area of study **03.03.03**

Program **Radiophysics**

Degree: *bachelor*

Duration of training: *4 years*

Form of training: *full time*

Language of instruction: *Russian*

Accreditation: *state*

Program description:

The aim of the program is to train qualified specialists in physics and radiophysics. The main task of training is to teach students to do independent research work and gain practical experience in organizations of the real sector of economy.

Basic courses:

- Electromagnetic Wave Propagation
- Solid State Electronics
- Radioelectronic Systems

Special courses:

- Transmission Lines and Microwave Devices
- Optoelectronics
- Digital Methods of Random Signals Processing
- Computer-Aided Design Systems

Research areas:

- Applied Electrodynamics
- Physics of Ionosphere and Radiowave Propagation
- Quantum Radiophysics

Graduates of the program work as engineers and researchers in research organizations and high-tech enterprises of the electronic complex.

Contacts of the program director:

Professor of the Faculty of Physics

Chebotarev Gennady Dmitrievich

gdchebotarev@sfedu.ru

8-928-147-81-01

Scopus/WoS profile:

Scopus (Author ID): 6603630275

WoS (ResearcherID): S-2396-2016

