Division: *School of Electronic Engineering and Computer Science*

Academic programme: *11.03.02 Infocommunication Technologies and Communication Systems, Intelligent Telecommunication Systems and Networks*

Mode of study: *full-time*

Programme length: *4 years*

Programme level: *Bachelor's degree*

Language of instruction: *Russian*

Programme description:

Graduates of this programme can build their professional career in modern digital systems, networks and means of communication (cellular, satellite, trunking communication), technologies of wireless data transmission (smart home and Internet of things) and commutation, as well as devices of information generation, conversion, reception, processing, and storage.

You will learn to work in the following fields:

- *Electronic digital and analogue equipment;*
- *Signals and digital processing of signals;*
- *Wireless data transmission;*
- *Radio communication;*
- *Radar ranging and navigation;*
- *Engineering and programing of electronic devices of various purposes*

Main programme-specific classes:

- Information Technologies
- Fundamentals of Building Infocommunication Systems and Networks
- Digital Processing of Signals
- Fundamentals of Computer-aided Design of Infocommunication Systems
- Radio Receivers of Radio-electronic Equipment
- Radio Transmitters of Radio-electronic Equipment
- Operation and Servicing for Facilities, Means and Equipment of Mobile Radio Communication
- Standards and Technologies of Mobile Communication Systems
- Equipment of Mobile Communication Systems
- Statistical Methods of Data Processing

Programme manager: *Nikolay V. Dudarev, Candidate of Sciences (Engineering)*