

# Microelectronics of Telecommunication Systems (in English)

Peter the Great St. Petersburg Polytechnic University

Degree or qualification is awarded: **Master of Microelectronics of Telecommunication Systems**

Language of study: **English**

Mode of study: **full-time**

Duration: **2 years**

Availability of free education: **yes**

Price: **301 000 rubles**

Programme webpage at the university website:

<http://english.spbstu.ru/education/programs/programs-in-english/master-s-degree/microelectronics-telecommunication-systems/>

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Graduates receive theoretical and practical skills in the design of micro- and nanoelectronic integrated circuits as well as in the digital signal processing based on FPGAs.

The issues of analog, microwave, mixed, and digital integrated circuits design based on software platforms Cadence, Microwave Office, ADS for wireless communication systems are considered.

## **Specializations within this programme**