

# Electronics and Nanoelectronics (Bachelor)

Saint Petersburg Electrotechnical University "LETI"

Degree or qualification is awarded: **Bachelor**

Language of study: **Russian**

Mode of study: **full-time**

Duration: **4 years**

Availability of free education: **yes**

Price: **190 000 - 199 000 rubles per year**

Programme webpage at the university website:

<https://etu.ru/en/study/bachelors-degree/11.03.04-electronics-and-nanoelectronics>

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## About training

Graduates of the program are researchers and developers proficient in nanotechnology, micro- and nanosystems; electronics of ultrahigh frequencies; optical and quantum electronics; electronic devices and devices for monitoring, control and diagnostics; ion-plasma processes.

## Key points

- The program conducts advanced science training and aims for developing student's creative abilities. Most of our graduates are scientists, engineers, businessmen, some are musicians and poets, - and one of them is a Nobel Prize winner;
- High-tech equipment and modern information technologies to help the training;
- Students can take internships in leading Russian and international companies and St. Petersburg-based enterprises.

## Departments

After their 2nd year students can choose their major for further studies:

- Electronic Devices;
- Microelectronics and Solid State Electronics;
- Microwave Electronics;
- Nanotechnology in Electronics;
- Physical Electronics;

- Quantum and Optical Electronics.

## **Specializations within this programme**

**Circuit Design**

**Solid State Physics**

**Materials and Elements of Electronic Engineering**

**Microwave Electronics**

**Solid State Electronics**

**X-ray Technology**

**Theoretical Foundations of Electrical Engineering**

**Methods of Mathematical Physics**

**Quantum and Optical Electronics**

**Vacuum and Plasma Electronics**