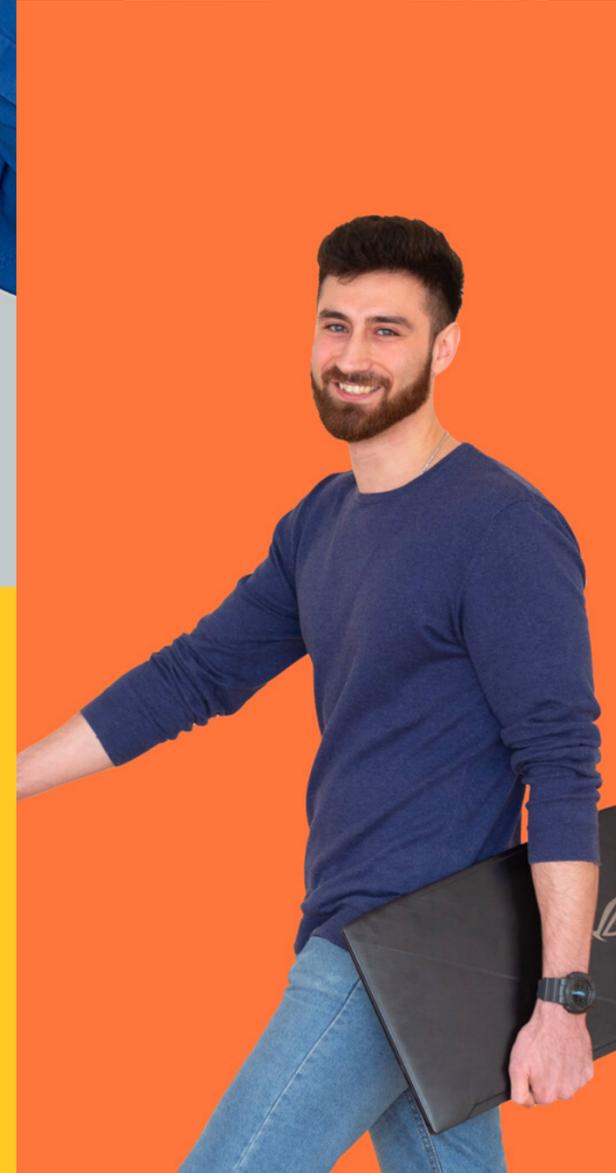


Faculty of Radioengineering and Electronics



Welcome to our team!



Faculty of Radioengineering and Electronics

Faculty of Radioengineering and Electronics is one of the oldest faculties of BSUIR, powerful educational, scientific and engineering center with more than 980 students, including foreign citizens from Vietnam, Russia, Jordan, Azerbaijan, Kazakhstan, Yemen, Lithuania, Peru etc.

The educational process is provided by highly qualified teachers, more than 70% of whom have academic degrees and titles.

The achievements of the Faculty's scientists are recognised all over the world. Their research outcomes are used in spacecraft and missiles, radiolocation systems, advanced micro- and nanoelectronics. Faculty's textbooks, tutorials and monographs are published both in Belarus and abroad.

The largest places for undergraduate practice are AGAT-control systems, ATOMTECH, residents of the Hi-Tech Park: EPAM Systems, NT-Lab, Intransishen, SaM Solutions, IBA, Izovac etc.

At this Faculty you will get an education that will make you a unique expert in the field of radio information systems, micro- and nanoelectronic technologies and systems, and that will give you an opportunity to realise yourself.

Russian programmes

THE 1st DEGREE PROGRAMMES (bachelor):

Micro and Nanoelectronic Technologies and Systems

Nanotechnology and Nanomaterials in Electronics

Radio Engineering (Programmable Radio Electronic Means)

Electronic Information Security

Radio informatics



English and Russian programmes

THE 2nd DEGREE PROGRAMMES (master):

Radio Systems and Radio Technologies

Micro- and Nanoelectronics

Nanotechnologies and Nanomaterials

PhD PROGRAMMES:

Nanotechnology and Nanomaterials (in electronics)

Solid-state Electronics, Radio-electronic Components Micro and Nanoelectronics, Devices Based on Quantum Effects

Radio Engineering, Including Television Systems and Devices

Antennas, Microwave Devices and Their Technologies

Radar and Radio Navigation

YOU

Design, research and test radio-electronic systems and devices for various purposes, electronic and information-control systems for various purposes

Develop special programs for computer design of radio-electronic devices and systems

Modernize devices and devices for electronic protection of information at the circuit and system levels



DO

Use modern electronic equipment and devices, computers to create electronic and information management systems for various purposes

Simulate the technological processes of creating semiconductor devices, semiconductor and hybrid integrated circuits

Develop programs for computer design of semiconductor devices and hybrid integrated circuits

Key professional competencies

of faculty graduates

CAN

Develop and simulate technological processes for the creation of nanoelectronic devices and nanomaterials for the electronics industry of related industries

Develop, operate and maintain information systems based on radio technologies, including cellular communication systems, operate systems based on blockchain technology



IT

Design and develop equipment for signal processing based on modern technologies, develop practical recommendations for the use of scientific research results in production, analyze patentability and indicators technical level of development, to develop scientific and technical documentation

Develop plans and programs for organizing innovative activities, feasibility studies of innovative projects in professional activities

What are your job prospects after graduation?

Some of in-demand modern professions

Electronic engineer

Electronic engineers are highly employable and can find work in many areas, including the electronics, automotive, IT, gaming, telecoms, manufacturing, power, transport, utilities and construction industries.

Many global electronics organisations maintain research and development facilities within Europe.

Applications software developer

These specialists design computer applications, create custom software for a specific customer or commercial software to be sold to the general public.

Applications software developers create complex databases for organizations. They also create programs that people use over the Internet and within a company's intranet.

Test Engineer

Test engineers check materials, procedures and mechanical or electrical systems to ensure that customers get high-quality, functional products.

They run tests on various components and features in order to identify and fix technical issues. Experienced test engineers might also be responsible for training and managing junior team members.

Systems engineer

Systems engineering is a process that includes identifying a problem based on consumer needs and developing a solution that is constantly re-evaluated throughout its execution.

Systems engineers monitor the performance of systems and continually assess all stages of operations to ensure that a problem is solved.

Tuition & Fees

Russian Programmes

per year
Bachelor's Degree

full-time: 3000 USD
part-time: 1800 USD

Master's Degree

full-time: 3300 USD
part-time: 1700 USD



English Programmes

per year
Master's Degree

full-time: 4300 USD
part-time: 3300 USD

Foundation Year Course

Russian programmes: 2000 USD

English programmes: 3000 USD

Russian language course: 1200 USD





Special offer

for citizens of Kazakhstan, Uzbekistan, Tajikistan, Kyrgyzstan, Russia, Turkmenistan, Azerbaijan, Ukraine, Moldova, Armenia

Russian programmes

full-time: 2500 USD

part-time: 1300 USD

English programmes

full-time: 4300 USD

part-time: 3300 USD

Foundation Year Course

russian programmes: 2000 USD

english programmes: 3000 USD



Do you still have questions?

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