

## **Belarusian State University of Informatics and Radioelectronics**

### **Admission Requirements for Foreign Students in BSUIR**

Belarusian State University of Informatics and Radioelectronics (BSUIR) admits foreign citizens, having the background education corresponding to the level of general secondary education in Belarus. Besides, BSUIR admits individuals having the Bachelor degree to Master Courses. Those foreign citizens who have got a higher education on the level of Master of Sciences and experience of work in their speciality are admitted as Post-graduate-students. Foreign students having a higher education on the level of Master of Sciences and having a command of the language of instruction can be assigned to BSUIR as applicants for the scientific Doctoral studies (Ph.D.), and those who have a Ph.D. degree may pursue a Doctor of Science degree (D.Sc.) in order to prepare a thesis under the guidance of a scientific advisor.

#### **To get the letter of invitation international students should have:**

1. Educational certificate including all studied subjects and marks in it
2. Passport
3. Application form ([downloadable](#))

The documents must be sent by post, fax or e-mail [shuam@bsuir.unibel.by](mailto:shuam@bsuir.unibel.by). All documents must be translated in Russian or English.

The candidate gets an official invitation for study in Belarus. This invitation should be presented to the Embassy of Belarus to get visa.

Diplomatic Representations of the Republic of Belarus  
[\[http://www.belembassy.org/index\\_eng.htm\]](http://www.belembassy.org/index_eng.htm)

#### **All students arriving in Belarus should have the following documents:**

1. Educational certificate including all studied subjects and marks in it
2. Medical certificate given by an official public health service in the native country of the candidate
3. AIDS test certificate given by an official of public health service of the country of arrival of the candidate
4. Copy of the birth notification
- 5/ 10 photos 4 x 6 cm
6. National passport with Belarusian study visa
7. Russian language knowledge certificate

#### **All documents should have notarized translation in Russian.**

Foreign citizens shall be admitted to the University on completion of obligatory medical examination (on a compensation basis) in medical establishment in the

place of study to acknowledge absence of contra-indications to study in Belarus. The cost of primary medical examination is 58 USD.

The health services of the accepted foreign citizens are offered on a compensation basis. Additionally foreign citizens are required to have the contract of obligatory medical insurance (85 USD per year). On its basis they will receive medical help in emergency cases. Above all, students must pass annual medical examination (35 USD per year). All foreign students must pass medical examination in 10-day period after each their return to Belarus from abroad (35 USD for each case).

The presence of all above-mentioned preconditions gives the basis to conclude the Contract on training between the University and the Student (or Firm), in which the term of training, the volume of payment for training, the condition of residing in a hostel, and other services offered by the University; as well as rights and duties of the student are stipulated.

The University offers accommodation at student hostels. A room with 2-3 places costs about 25 USD per month.

Foreign students having no command of the language of instruction are admitted to a Pre-University Preparation and Occupational Guidance Faculty of the University for one year study, where they study the Russian language, mathematics and physics. Graduation examinations are held at the Faculty at the end of academic year. Successful students get Graduation Certificates from the Faculty and are admitted to the basic course in the chosen speciality. Foreign students who fail to graduate from the Pre-University Preparation and Occupational Guidance Faculty are dismissed from the University and bound to leave Belarus.

### **Contact information:**

**Address:** P. Browka Str. 6, Minsk 220013 Belarus

**International Department**

Tel./Fax +375 17 293-23-33

E-mail: [shuam@bsuir.unibel.by](mailto:shuam@bsuir.unibel.by)

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## Master Courses

### Specialities

- Mathematical and instrumental methods in economics;
- Economics and management of enterprise;
- Radiophysics;
- Applied mathematics and informatics;
- Theory of informatics;
- Instrument-making, metrology, measuring devices and systems;
- Optic and optoelectronic devices and complexes;
- Devices, systems and produce for medical purposes;
- Technology of instrument-making;
- Devices and methods of image and sound conversion;
- Antennas, microwave devices and technologies;
- Radiotechnics, including devices and systems of radionavigation, radar and television;
- Elements and devices of computer and controlling systems;
- System analysis, control and processing of information;
- Computing machinery and systems;
- Mathematical modelling, numerical methods and program complexes;
- Solid-state electronics, radioelectronic components, micro- and nanoelectronics, quantum effect devices;
- Technology and equipment for production of semiconductors, materials and electronic devices;
- Systems, networks and telecommunication devices;
- Telecommunication systems and computer networks;
- Automation and control of technological process and production;
- Methods and systems of information protection, information security;
- Mathematics and software for information security;
- Hardware and software ensuring of information security.

### Pre-Requisites

An applicant should have a Bachelor or Diploma in Science or Engineering in a relevant field as well as good knowledge of English or Russian.

### Overview of the Education Program

The high level educational program brings together talented students who intend to pursue a career in modern science and engineering. The extended research project finalized with the defense of the Master thesis is the part of the program.

### Duration of Study:

Two academic years for Bachelor degree holders; one academic year for Diploma in Science or Engineering holders. Commencement date: October, 1

### Tuition Fee

The fee is 1800 – 3000 USD per year. Lodging and travel expenses are not included in this fee. Once foreign students comply with the tuition fee requirements, they hold the same rights to access the University facilities as the Belarusian students.

# **Belarusian State University of Informatics and Radioelectronics**

## **Postgraduate (Doctoral) Courses (Ph.D. degree)**

**Duration:** 3 years (full time), 4 years (part time). **Courses start:** November, 1.

**Cost of training:** 2200 – 3500 USD per year (full time),  
1650 – 2625 USD per year (part time).

### **Specialities**

#### **Physics and Mathematics-Oriented Sciences**

- Radiophysics.
- Physical Electronics.
- Optics.
- Condensed State Physics.

#### **Engineering Sciences**

- Theoretical Electrical Engineering.
- Radio-Measuring Devices.
- Metrology and Metrological Ensuring.
- Radiotechnics, including Devices and Systems of Radionavigation, Radiolocation and Television.
- Antennas, Microwave Devices and Technologies.
- Systems, Networks and Telecommunication Devices.
- System Analysis, Control and Processing of Information.
- Elements and Devices of Computer and Controlling Systems.
- Automation and Control of Technological Process and Production.
- Software for Computers, Computer Complexes, Systems and Networks.
- Systems of Computer-Aided Design (CAD).
- Telecommunication Systems and Computer Networks.
- Computing Machines and Systems.
- Theory of Informatics.
- Mathematical Modelling, Numerical Methods and Program Complexes.
- Methods and Systems of Information Protection, Information Security.
- Labour Safety.
- Safety in Emergency.
- Solid-State Electronics, Radioelectronics Components, Micro- and Nanoelectronics, Quantum Effect Devices.
- Technology and Equipment for Production of Semiconductors, Materials and Electronic Devices.

#### **Economic Sciences**

- Economics and Management of National Economy.
- Mathematical and Instrumental Methods in Economics.

## Belarusian State University of Informatics and Radioelectronics

FACULTY	SPECIALITIES
<b>Faculty of Pre-University Preparation</b> Course duration: 9 months Cost of training: 1100 USD	Courses: Russian, Physics, Mathematics Courses start – October, 1 Deadline for application – September, 1
<b>Faculty of Computer-aided Design</b> Cost of training: 1600 USD per year	<ul style="list-style-type: none"> <li>- Design and manufacture of radioelectronics devices;</li> <li>- Modelling and computer-aided design of radioelectronics devices;</li> <li>- Electronic and optic systems and technologies;</li> <li>- Medical electronics;</li> <li>- Technical ensuring of security;</li> <li>- Electronic computing devices;</li> <li>- Engineering and psychological ensuring of information technologies</li> </ul>
<b>Faculty of Information Technologies and Control</b> Cost of training: 1800 USD per year	<ul style="list-style-type: none"> <li>- Information processing computer systems;</li> <li>- Automated systems of information processing;</li> <li>- Artificial intelligence;</li> <li>- Information technologies and control in engineering systems;</li> </ul>
<b>Faculty of Radioengineering and Electronics</b> Cost of training: 1600 USD per year	<ul style="list-style-type: none"> <li>- Radioengineering;</li> <li>- Radioelectronic systems;</li> <li>- Radioinformatics;</li> <li>- Radioelectronic information security;</li> <li>- Micro and nanoelectronics technologies and systems;</li> <li>- Quantum information systems</li> </ul>
<b>Faculty of Computer Systems and Networks</b> Cost of training: 1800 USD per year	<ul style="list-style-type: none"> <li>- Computers, systems and networks;</li> <li>- Information technologies software;</li> <li>- Informatics (information technologies in financial systems)</li> </ul>
<b>Faculty of Telecommunication</b> Cost of training: 1600 USD per year	<ul style="list-style-type: none"> <li>- Metrological ensuring of information systems and networks;</li> <li>- Multi-channel telecommunication systems;</li> <li>- Systems of wireless communication, broadcasting and television;</li> <li>- Telecommunication networks;</li> <li>- Information security in telecommunications</li> </ul>
<b>Faculty of Economics and Engineering</b> Cost of training: 1800 USD per year	<ul style="list-style-type: none"> <li>- Economics and organization of production (in radioelectronics and information technologies);</li> <li>- Marketing;</li> <li>- Information systems and technologies in economics</li> </ul>
<b>Military Faculty</b> The cost of training is agreed by the contract	<ul style="list-style-type: none"> <li>- Multilevel telecommunication systems</li> </ul>

<b>Faculty of Correspondence and Distance education</b>	
<p><b>Correspondence education</b>            Cost of training:            1100 USD per year</p>	<ul style="list-style-type: none"> <li>- Radioengineering;</li> <li>- Design and manufacture of radioelectronic devices;</li> <li>- Modelling and computer-aided design;</li> <li>- Medical electronics;</li> <li>- Economics and organization of enterprise;</li> <li>- Technical ensuring of security;</li> <li>- Information technologies and control in engineering systems;</li> <li>- Microelectronics;</li> <li>- Computers, systems and networks;</li> <li>- Multichannel systems of telecommunication;</li> <li>- Telecommunication networks</li> </ul>
<p><b>Distance education</b>            Cost of full program            5000 USD</p>	<ul style="list-style-type: none"> <li>- Information systems and technologies in economics;</li> <li>- Software for information technologies;</li> <li>- Information technologies and control in engineering systems;</li> <li>- Informatics;</li> <li>- Computer systems of processing information;</li> <li>- Artificial intelligence;</li> <li>- Marketing</li> </ul>