



BELARUSIAN STATE UNIVERSITY  
OF INFORMATICS AND RADIOELECTRONICS

The background features a large, semi-transparent sphere on the left, composed of a complex network of blue nodes and connecting lines. To the right of the sphere, there are several overlapping, semi-transparent, wavy shapes that resemble data signals or network paths, all in shades of light blue and white.

# INSTITUTE OF INFORMATION TECHNOLOGIES

2021

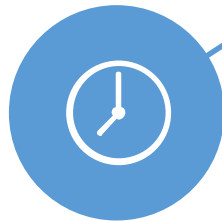
# QUALITY STANDARD TO WITHSTAND THE TEST OF TIME

Leading Information Technologies (IT) University  
Core institution in Information Technologies  
among CIS countries



Accredited by the State Committee and by the  
National Academy of Sciences of Belarus as an  
education and science organization

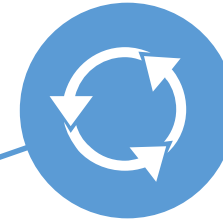
BSUIR was awarded by the Government of the  
Republic of Belarus for excellence  
in quality in 2011, 2016, 2019



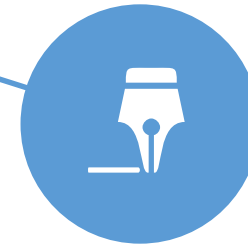
Over 90 000 successful graduates, whose number includes academics,  
heads of ministries and departments, directors and leading experts of  
companies and large holdings



Certified for compliance of quality  
management system with International  
standard Iso 9001



Certified in German certification  
system DakkS



Main institution in the study of protection  
from interference problems and provision  
of electromagnetic compatibility of electronic  
means



## SCIENCE

Scientific and technological activity in the field of Information Technologies (IT), Digital Transformation (DT), Education Development (ED).

International practice-oriented science conference «Constant professional education of persons with special needs»



## PERSPECTIVES

Bachelor's degree programs based on the accomplished specialized secondary education

Retraining programs with issuing a diploma in the form approved by the government when accomplished

Advanced training with the goal of further developing skills programs with a diploma issued when accomplished

Courses to acquire an additional skill

Informatics academy for people attending school (pupils)



## ACCESSIBILITY

Internship programs and scholarly programs developed for enhancing professional qualification that are conducted in English as well as in Russian

UNESCO Department «Professional education in the information and cultural technologies area pertaining to persons with special needs»

Bachelor's degree programs based on the previously accomplished specialized secondary education



FACULTY  
OF COMPUTER  
TECHNOLOGY

#### Information Technologies Software

Specialization – Software engineer  
Evening classes and Part-time study  
Time to complete – 3,5 years

#### Computer science, systems and network

Specialization – System and computer network engineer  
Evening classes  
Time to complete – 4 years

#### Electronic Security Systems

Specialization – Structural engineer  
Part-time study  
Time to complete – 3,5 years

#### Programming & Mobile Systems

Specialization – Mobile systems engineer  
Part-time study  
Time to complete – 3,5 years

DIPLOMA IN THE GOVERNMENT-APPROVED FORM

## RETRAINING COURSES

FACULTY  
OF CONTINUING  
EDUCATION  
AND RETRAINING

## BASED ON THE ACCOMPLISHED BACHELOR'S DEGREE PROGRAMS

### Software Supply of Information Systems

Specialization – Software engineer

Evening classes – 18 months

Part-time study– 24 months

### Web-design and computer graphics

Specialization – Web-design & Front-end programmer

Evening classes – 18 months

Part-time study – 20 months

### Software products testing

Specialization – Software testing specialist

Evening classes – 18 months

Part-time study– 20 months

(based on accomplished specialized secondary education)

### Software products testing

Specialization – Software testing specialist

Evening Classes – 9 months

Part-time study– 11 months

DIPLOMA IN THE GOVERNMENT-APPROVED FORM

## ADVANCED TRAINING

FACULTY  
OF CONTINUING  
EDUCATION  
AND RETRAINING

All programs presented have flexible curriculum, and wishes of the students attending will be taken into account if possible

Deploying computer technologies in professional activities

Web-technologies

Computer Graphics

Computer network administering

Programming languages C++, C#, Java, Python, Ruby, etc.

Data Bases

Operational systems

Digital Medium

Computational tools building on the basis of Programmable Logic Device and microcontrollers

Automatization of technological processes and manufacturing

Business in IT field

Information and cybersecurity

Certified courses: CISCO, Siemens, MikroTik, National Instruments

Blockchain and Cryptocurrencies

Big-data

Internet of Things

Cloud services

Full-time and Part-time study

Courses conducted in English as well as in Russian

Duration is as follows: 36 – 80 hours (1-2 weeks)

**CERTIFICATE OF COMPLETION IN THE  
GOVERNMENT-APPROVED FORM**

## INFORMATICS ACADEMY FOR ADOLESCENTS ATTENDING SCHOOL



FACULTY  
OF CONTINUING  
EDUCATION  
AND RETRAINING

Graphics and Design, 3D Graphics (basic and advanced levels)

Web-master (basic and advanced levels developed on JavaScript)

Programming using programming languages C++, C#, Java, Python, Ruby, Swift (basic and advanced levels)

Application development for Android

Introduction to C# and .NET Framework

Basics necessary to work with PC (Cisco® IT Essentials)

Programming with Scratch

Engineering and Robotics (arduino)

Cybersecurity: personal data, information systems

Full-time and Part-time study

THIS IS WHAT WE PROVIDE



UP-TO-DATE AND PRACTICE-ORIENTED EDUCATION PROGRAMS

INTERNATIONALLY ACCEPTED DIPLOMA AFTER GRADUATION

GRADUATES ARE IN HIGH DEMAND AND WELL-QUALIFIED TO MEET REQUIREMENTS AND EXPECTATIONS OF EMPLOYERS ACROSS THE GLOBE





Institute  
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